

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	665.5	Edge_1RB_Left	20.14	/	/	17.42	/	/	<=34.77	Pass
		Edge_1RB_Right	20.56	/	/	17.84	/	/	<=34.77	Pass
		Outer_Full	20.82	/	/	18.10	/	/	<=34.77	Pass
		Inner_Full	21.19	/	/	18.47	/	/	<=34.77	Pass
		Inner_1RB_Left	20.60	/	/	17.88	/	/	<=34.77	Pass
		Inner_1RB_Right	21.05	/	/	18.33	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	20.19	/	/	17.47	/	/	<=34.77	Pass
		Edge_1RB_Right	19.76	/	/	17.04	/	/	<=34.77	Pass
		Outer_Full	19.88	/	/	17.16	/	/	<=34.77	Pass
		Inner_Full	20.22	/	/	17.50	/	/	<=34.77	Pass
		Inner_1RB_Left	20.70	/	/	17.98	/	/	<=34.77	Pass
		Inner_1RB_Right	20.21	/	/	17.49	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	20.61	/	/	17.89	/	/	<=34.77	Pass
		Edge_1RB_Right	19.34	/	/	16.62	/	/	<=34.77	Pass
		Outer_Full	20.15	/	/	17.43	/	/	<=34.77	Pass
		Inner_Full	20.64	/	/	17.92	/	/	<=34.77	Pass
		Inner_1RB_Left	21.03	/	/	18.31	/	/	<=34.77	Pass
		Inner_1RB_Right	19.73	/	/	17.01	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Edge_1RB_Left	19.31	/	/	16.59	/	/	<=34.77	Pass
		Edge_1RB_Right	19.98	/	/	17.26	/	/	<=34.77	Pass
		Outer_Full	19.82	/	/	17.10	/	/	<=34.77	Pass
		Inner_Full	20.31	/	/	17.59	/	/	<=34.77	Pass
		Inner_1RB_Left	19.89	/	/	17.17	/	/	<=34.77	Pass
		Inner_1RB_Right	20.47	/	/	17.75	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.55	/	/	16.83	/	/	<=34.77	Pass
		Edge_1RB_Right	19.12	/	/	16.40	/	/	<=34.77	Pass
		Outer_Full	19.02	/	/	16.30	/	/	<=34.77	Pass
		Inner_Full	19.43	/	/	16.71	/	/	<=34.77	Pass
		Inner_1RB_Left	20.00	/	/	17.28	/	/	<=34.77	Pass
		Inner_1RB_Right	19.58	/	/	16.86	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	19.93	/	/	17.21	/	/	<=34.77	Pass
		Edge_1RB_Right	18.65	/	/	15.93	/	/	<=34.77	Pass
		Outer_Full	19.24	/	/	16.52	/	/	<=34.77	Pass
		Inner_Full	19.85	/	/	17.13	/	/	<=34.77	Pass
		Inner_1RB_Left	20.40	/	/	17.68	/	/	<=34.77	Pass
		Inner_1RB_Right	19.08	/	/	16.36	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Edge_1RB_Left	19.07	/	/	16.35	/	/	<=34.77	Pass
		Edge_1RB_Right	19.55	/	/	16.83	/	/	<=34.77	Pass
		Outer_Full	19.28	/	/	16.56	/	/	<=34.77	Pass
		Inner_Full	19.42	/	/	16.70	/	/	<=34.77	Pass
		Inner_1RB_Left	19.18	/	/	16.46	/	/	<=34.77	Pass
		Inner_1RB_Right	19.59	/	/	16.87	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.19	/	/	16.47	/	/	<=34.77	Pass
		Edge_1RB_Right	18.78	/	/	16.06	/	/	<=34.77	Pass
		Outer_Full	18.59	/	/	15.87	/	/	<=34.77	Pass
		Inner_Full	18.54	/	/	15.82	/	/	<=34.77	Pass
		Inner_1RB_Left	19.18	/	/	16.46	/	/	<=34.77	Pass
		Inner_1RB_Right	18.77	/	/	16.05	/	/	<=34.77	Pass
	695.5	Edge_1RB_Left	19.65	/	/	16.93	/	/	<=34.77	Pass

		Edge_1RB_Right	18.42	/	/	15.70	/	/	<=34.77	Pass	
		Outer_Full	18.91	/	/	16.19	/	/	<=34.77	Pass	
		Inner_Full	19.00	/	/	16.28	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.68	/	/	16.96	/	/	<=34.77	Pass	
		Inner_1RB_Right	18.42	/	/	15.70	/	/	<=34.77	Pass	
DFT-s-OFDM 256 QAM	665.5	Edge_1RB_Left	17.51	/	/	14.79	/	/	<=34.77	Pass	
		Edge_1RB_Right	18.03	/	/	15.31	/	/	<=34.77	Pass	
		Outer_Full	18.02	/	/	15.30	/	/	<=34.77	Pass	
		Inner_Full	18.21	/	/	15.49	/	/	<=34.77	Pass	
		Inner_1RB_Left	17.65	/	/	14.93	/	/	<=34.77	Pass	
	680.5	Inner_1RB_Right	18.03	/	/	15.31	/	/	<=34.77	Pass	
		Edge_1RB_Left	17.71	/	/	14.99	/	/	<=34.77	Pass	
		Edge_1RB_Right	17.37	/	/	14.65	/	/	<=34.77	Pass	
		Outer_Full	17.35	/	/	14.63	/	/	<=34.77	Pass	
		Inner_Full	17.37	/	/	14.65	/	/	<=34.77	Pass	
	695.5	Inner_1RB_Left	17.73	/	/	15.01	/	/	<=34.77	Pass	
		Inner_1RB_Right	17.37	/	/	14.65	/	/	<=34.77	Pass	
		Edge_1RB_Left	17.98	/	/	15.26	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.69	/	/	13.97	/	/	<=34.77	Pass	
		Outer_Full	17.47	/	/	14.75	/	/	<=34.77	Pass	
		Inner_Full	17.63	/	/	14.91	/	/	<=34.77	Pass	
		Inner_1RB_Left	17.98	/	/	15.26	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.69	/	/	13.97	/	/	<=34.77	Pass	
CP-OFDM QPSK	665.5	Edge_1RB_Left	18.81	/	/	16.09	/	/	<=34.77	Pass	
		Edge_1RB_Right	19.36	/	/	16.64	/	/	<=34.77	Pass	
		Outer_Full	19.41	/	/	16.69	/	/	<=34.77	Pass	
		Inner_Full	19.84	/	/	17.12	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.36	/	/	16.64	/	/	<=34.77	Pass	
	680.5	Inner_1RB_Right	19.78	/	/	17.06	/	/	<=34.77	Pass	
		Edge_1RB_Left	19.01	/	/	16.29	/	/	<=34.77	Pass	
		Edge_1RB_Right	18.59	/	/	15.87	/	/	<=34.77	Pass	
		Outer_Full	18.75	/	/	16.03	/	/	<=34.77	Pass	
		Inner_Full	19.02	/	/	16.30	/	/	<=34.77	Pass	
	695.5	Inner_1RB_Left	19.39	/	/	16.67	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.02	/	/	16.30	/	/	<=34.77	Pass	
		Edge_1RB_Left	19.45	/	/	16.73	/	/	<=34.77	Pass	
		Edge_1RB_Right	18.20	/	/	15.48	/	/	<=34.77	Pass	
		Outer_Full	19.03	/	/	16.31	/	/	<=34.77	Pass	
	CP-OFDM 16 QAM	665.5	Inner_Full	19.40	/	/	16.68	/	/	<=34.77	Pass
			Inner_1RB_Left	19.82	/	/	17.10	/	/	<=34.77	Pass
			Inner_1RB_Right	18.56	/	/	15.84	/	/	<=34.77	Pass
Edge_1RB_Left			18.56	/	/	15.84	/	/	<=34.77	Pass	
Edge_1RB_Right			19.06	/	/	16.34	/	/	<=34.77	Pass	
680.5		Outer_Full	18.87	/	/	16.15	/	/	<=34.77	Pass	
		Inner_Full	19.43	/	/	16.71	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.13	/	/	16.41	/	/	<=34.77	Pass	
		Inner_1RB_Right	19.52	/	/	16.80	/	/	<=34.77	Pass	
		Edge_1RB_Left	18.74	/	/	16.02	/	/	<=34.77	Pass	
695.5		Edge_1RB_Right	18.41	/	/	15.69	/	/	<=34.77	Pass	
		Outer_Full	18.21	/	/	15.49	/	/	<=34.77	Pass	
		Inner_Full	18.61	/	/	15.89	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.26	/	/	16.54	/	/	<=34.77	Pass	
		Inner_1RB_Right	18.89	/	/	16.17	/	/	<=34.77	Pass	
		Edge_1RB_Left	19.16	/	/	16.44	/	/	<=34.77	Pass	
		Edge_1RB_Right	17.85	/	/	15.13	/	/	<=34.77	Pass	

CP-OFDM 64 QAM	665.5	Edge 1RB Left	18.39	/	/	15.67	/	/	<=34.77	Pass
		Edge 1RB Right	18.91	/	/	16.19	/	/	<=34.77	Pass
		Outer Full	18.58	/	/	15.86	/	/	<=34.77	Pass
		Inner Full	19.42	/	/	16.70	/	/	<=34.77	Pass
		Inner 1RB Left	19.26	/	/	16.54	/	/	<=34.77	Pass
		Inner 1RB Right	19.68	/	/	16.96	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.46	/	/	15.74	/	/	<=34.77	Pass
		Edge 1RB Right	18.16	/	/	15.44	/	/	<=34.77	Pass
		Outer Full	17.93	/	/	15.21	/	/	<=34.77	Pass
		Inner Full	18.57	/	/	15.85	/	/	<=34.77	Pass
		Inner 1RB Left	19.36	/	/	16.64	/	/	<=34.77	Pass
		Inner 1RB Right	18.87	/	/	16.15	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	18.91	/	/	16.19	/	/	<=34.77	Pass
		Edge 1RB Right	17.63	/	/	14.91	/	/	<=34.77	Pass
		Outer Full	18.07	/	/	15.35	/	/	<=34.77	Pass
		Inner Full	19.05	/	/	16.33	/	/	<=34.77	Pass
		Inner 1RB Left	19.83	/	/	17.11	/	/	<=34.77	Pass
		Inner 1RB Right	18.53	/	/	15.81	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Edge 1RB Left	15.79	/	/	13.07	/	/	<=34.77	Pass
		Edge 1RB Right	16.32	/	/	13.60	/	/	<=34.77	Pass
		Outer Full	16.13	/	/	13.41	/	/	<=34.77	Pass
		Inner Full	16.33	/	/	13.61	/	/	<=34.77	Pass
		Inner 1RB Left	15.96	/	/	13.24	/	/	<=34.77	Pass
		Inner 1RB Right	16.34	/	/	13.62	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	16.11	/	/	13.39	/	/	<=34.77	Pass
		Edge 1RB Right	15.67	/	/	12.95	/	/	<=34.77	Pass
		Outer Full	15.57	/	/	12.85	/	/	<=34.77	Pass
		Inner Full	15.47	/	/	12.75	/	/	<=34.77	Pass
		Inner 1RB Left	15.94	/	/	13.22	/	/	<=34.77	Pass
		Inner 1RB Right	15.68	/	/	12.96	/	/	<=34.77	Pass
	695.5	Edge 1RB Left	16.26	/	/	13.54	/	/	<=34.77	Pass
		Edge 1RB Right	14.98	/	/	12.26	/	/	<=34.77	Pass
		Outer Full	15.68	/	/	12.96	/	/	<=34.77	Pass
		Inner Full	15.72	/	/	13.00	/	/	<=34.77	Pass
		Inner 1RB Left	16.25	/	/	13.53	/	/	<=34.77	Pass
		Inner 1RB Right	14.97	/	/	12.25	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -0.57dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	668	Edge 1RB Left	20.28	/	/	17.56	/	/	<=34.77	Pass
		Edge 1RB Right	20.78	/	/	18.06	/	/	<=34.77	Pass
		Outer Full	20.28	/	/	17.56	/	/	<=34.77	Pass
		Inner Full	20.62	/	/	17.90	/	/	<=34.77	Pass
		Inner 1RB Left	20.04	/	/	17.32	/	/	<=34.77	Pass
		Inner 1RB Right	21.21	/	/	18.49	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.04	/	/	18.32	/	/	<=34.77	Pass
		Edge 1RB Right	19.68	/	/	16.96	/	/	<=34.77	Pass
		Outer Full	19.97	/	/	17.25	/	/	<=34.77	Pass
		Inner Full	20.13	/	/	17.41	/	/	<=34.77	Pass
		Inner 1RB Left	20.81	/	/	18.09	/	/	<=34.77	Pass
		Inner 1RB Right	20.07	/	/	17.35	/	/	<=34.77	Pass
	693	Edge 1RB Left	20.58	/	/	17.86	/	/	<=34.77	Pass
		Edge 1RB Right	19.61	/	/	16.89	/	/	<=34.77	Pass

		Outer Full	20.42	/	/	17.70	/	/	<=34.77	Pass
		Inner Full	21.01	/	/	18.29	/	/	<=34.77	Pass
		Inner 1RB Left	20.41	/	/	17.69	/	/	<=34.77	Pass
		Inner 1RB Right	19.99	/	/	17.27	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Edge 1RB Left	19.44	/	/	16.72	/	/	<=34.77	Pass
		Edge 1RB Right	20.02	/	/	17.30	/	/	<=34.77	Pass
		Outer Full	19.56	/	/	16.84	/	/	<=34.77	Pass
		Inner Full	19.76	/	/	17.04	/	/	<=34.77	Pass
		Inner 1RB Left	19.35	/	/	16.63	/	/	<=34.77	Pass
		Inner 1RB Right	20.47	/	/	17.75	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.36	/	/	17.64	/	/	<=34.77	Pass
		Edge 1RB Right	18.99	/	/	16.27	/	/	<=34.77	Pass
		Outer Full	18.96	/	/	16.24	/	/	<=34.77	Pass
		Inner Full	19.32	/	/	16.60	/	/	<=34.77	Pass
		Inner 1RB Left	20.07	/	/	17.35	/	/	<=34.77	Pass
		Inner 1RB Right	19.35	/	/	16.63	/	/	<=34.77	Pass
	693	Edge 1RB Left	19.97	/	/	17.25	/	/	<=34.77	Pass
		Edge 1RB Right	18.83	/	/	16.11	/	/	<=34.77	Pass
		Outer Full	19.48	/	/	16.76	/	/	<=34.77	Pass
		Inner Full	20.22	/	/	17.50	/	/	<=34.77	Pass
		Inner 1RB Left	19.69	/	/	16.97	/	/	<=34.77	Pass
		Inner 1RB Right	19.30	/	/	16.58	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Edge 1RB Left	19.24	/	/	16.52	/	/	<=34.77	Pass
		Edge 1RB Right	19.84	/	/	17.12	/	/	<=34.77	Pass
		Outer Full	18.94	/	/	16.22	/	/	<=34.77	Pass
		Inner Full	18.93	/	/	16.21	/	/	<=34.77	Pass
		Inner 1RB Left	18.58	/	/	15.86	/	/	<=34.77	Pass
		Inner 1RB Right	19.67	/	/	16.95	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.11	/	/	17.39	/	/	<=34.77	Pass
		Edge 1RB Right	18.62	/	/	15.90	/	/	<=34.77	Pass
		Outer Full	18.51	/	/	15.79	/	/	<=34.77	Pass
		Inner Full	18.45	/	/	15.73	/	/	<=34.77	Pass
		Inner 1RB Left	19.23	/	/	16.51	/	/	<=34.77	Pass
		Inner 1RB Right	18.52	/	/	15.80	/	/	<=34.77	Pass
	693	Edge 1RB Left	19.78	/	/	17.06	/	/	<=34.77	Pass
		Edge 1RB Right	18.66	/	/	15.94	/	/	<=34.77	Pass
		Outer Full	19.12	/	/	16.40	/	/	<=34.77	Pass
		Inner Full	19.39	/	/	16.67	/	/	<=34.77	Pass
		Inner 1RB Left	19.06	/	/	16.34	/	/	<=34.77	Pass
		Inner 1RB Right	18.55	/	/	15.83	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Edge 1RB Left	17.70	/	/	14.98	/	/	<=34.77	Pass
		Edge 1RB Right	18.25	/	/	15.53	/	/	<=34.77	Pass
		Outer Full	17.68	/	/	14.96	/	/	<=34.77	Pass
		Inner Full	17.61	/	/	14.89	/	/	<=34.77	Pass
		Inner 1RB Left	17.10	/	/	14.38	/	/	<=34.77	Pass
		Inner 1RB Right	18.20	/	/	15.48	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.55	/	/	15.83	/	/	<=34.77	Pass
		Edge 1RB Right	17.28	/	/	14.56	/	/	<=34.77	Pass
		Outer Full	17.32	/	/	14.60	/	/	<=34.77	Pass
		Inner Full	17.24	/	/	14.52	/	/	<=34.77	Pass
		Inner 1RB Left	17.79	/	/	15.07	/	/	<=34.77	Pass
		Inner 1RB Right	17.25	/	/	14.53	/	/	<=34.77	Pass
	693	Edge 1RB Left	18.07	/	/	15.35	/	/	<=34.77	Pass
		Edge 1RB Right	16.97	/	/	14.25	/	/	<=34.77	Pass
		Outer Full	17.73	/	/	15.01	/	/	<=34.77	Pass
		Inner Full	17.97	/	/	15.25	/	/	<=34.77	Pass
		Inner 1RB Left	17.38	/	/	14.66	/	/	<=34.77	Pass
		Inner 1RB Right	16.96	/	/	14.24	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Edge 1RB Left	19.01	/	/	16.29	/	/	<=34.77	Pass

		Edge 1RB Right	19.51	/	/	16.79	/	/	<=34.77	Pass
		Outer Full	19.11	/	/	16.39	/	/	<=34.77	Pass
		Inner Full	19.34	/	/	16.62	/	/	<=34.77	Pass
		Inner 1RB Left	18.79	/	/	16.07	/	/	<=34.77	Pass
		Inner 1RB Right	19.89	/	/	17.17	/	/	<=34.77	Pass
		Edge 1RB Left	19.77	/	/	17.05	/	/	<=34.77	Pass
		Edge 1RB Right	18.51	/	/	15.79	/	/	<=34.77	Pass
		Outer Full	18.72	/	/	16.00	/	/	<=34.77	Pass
		Inner Full	19.01	/	/	16.29	/	/	<=34.77	Pass
		Inner 1RB Left	19.49	/	/	16.77	/	/	<=34.77	Pass
		Inner 1RB Right	19.07	/	/	16.35	/	/	<=34.77	Pass
		Edge 1RB Left	19.56	/	/	16.84	/	/	<=34.77	Pass
		Edge 1RB Right	18.44	/	/	15.72	/	/	<=34.77	Pass
		Outer Full	19.26	/	/	16.54	/	/	<=34.77	Pass
		Inner Full	19.78	/	/	17.06	/	/	<=34.77	Pass
	Inner 1RB Left	19.26	/	/	16.54	/	/	<=34.77	Pass	
	Inner 1RB Right	18.81	/	/	16.09	/	/	<=34.77	Pass	
	CP-OFDM 16 QAM	668	Edge 1RB Left	18.79	/	/	16.07	/	/	<=34.77
Edge 1RB Right			19.32	/	/	16.60	/	/	<=34.77	Pass
Outer Full			18.57	/	/	15.85	/	/	<=34.77	Pass
Inner Full			18.96	/	/	16.24	/	/	<=34.77	Pass
Inner 1RB Left			18.71	/	/	15.99	/	/	<=34.77	Pass
Inner 1RB Right			19.74	/	/	17.02	/	/	<=34.77	Pass
680.5		Edge 1RB Left	19.62	/	/	16.90	/	/	<=34.77	Pass
		Edge 1RB Right	18.22	/	/	15.50	/	/	<=34.77	Pass
		Outer Full	18.20	/	/	15.48	/	/	<=34.77	Pass
		Inner Full	18.52	/	/	15.80	/	/	<=34.77	Pass
		Inner 1RB Left	19.28	/	/	16.56	/	/	<=34.77	Pass
		Inner 1RB Right	18.72	/	/	16.00	/	/	<=34.77	Pass
693		Edge 1RB Left	19.19	/	/	16.47	/	/	<=34.77	Pass
		Edge 1RB Right	18.07	/	/	15.35	/	/	<=34.77	Pass
		Outer Full	18.66	/	/	15.94	/	/	<=34.77	Pass
		Inner Full	19.34	/	/	16.62	/	/	<=34.77	Pass
		Inner 1RB Left	18.95	/	/	16.23	/	/	<=34.77	Pass
		Inner 1RB Right	18.51	/	/	15.79	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Edge 1RB Left	18.45	/	/	15.73	/	/	<=34.77	Pass
		Edge 1RB Right	18.98	/	/	16.26	/	/	<=34.77	Pass
		Outer Full	18.27	/	/	15.55	/	/	<=34.77	Pass
		Inner Full	19.00	/	/	16.28	/	/	<=34.77	Pass
		Inner 1RB Left	18.70	/	/	15.98	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	19.74	/	/	17.02	/	/	<=34.77	Pass
		Edge 1RB Left	19.31	/	/	16.59	/	/	<=34.77	Pass
		Edge 1RB Right	18.03	/	/	15.31	/	/	<=34.77	Pass
		Outer Full	17.90	/	/	15.18	/	/	<=34.77	Pass
		Inner Full	18.59	/	/	15.87	/	/	<=34.77	Pass
		Inner 1RB Left	19.35	/	/	16.63	/	/	<=34.77	Pass
		Inner 1RB Right	18.87	/	/	16.15	/	/	<=34.77	Pass
	693	Edge 1RB Left	18.76	/	/	16.04	/	/	<=34.77	Pass
		Edge 1RB Right	17.61	/	/	14.89	/	/	<=34.77	Pass
		Outer Full	18.19	/	/	15.47	/	/	<=34.77	Pass
		Inner Full	19.36	/	/	16.64	/	/	<=34.77	Pass
		Inner 1RB Left	18.99	/	/	16.27	/	/	<=34.77	Pass
	Inner 1RB Right	18.53	/	/	15.81	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	668	Edge 1RB Left	16.07	/	/	13.35	/	/	<=34.77	Pass
		Edge 1RB Right	16.59	/	/	13.87	/	/	<=34.77	Pass
		Outer Full	15.88	/	/	13.16	/	/	<=34.77	Pass
		Inner Full	15.84	/	/	13.12	/	/	<=34.77	Pass
		Inner 1RB Left	15.48	/	/	12.76	/	/	<=34.77	Pass
		Inner 1RB Right	16.54	/	/	13.82	/	/	<=34.77	Pass

	680.5	Edge 1RB Left	16.83	/	/	14.11	/	/	<=34.77	Pass
		Edge 1RB Right	15.64	/	/	12.92	/	/	<=34.77	Pass
		Outer Full	15.59	/	/	12.87	/	/	<=34.77	Pass
		Inner Full	15.42	/	/	12.70	/	/	<=34.77	Pass
		Inner 1RB Left	16.08	/	/	13.36	/	/	<=34.77	Pass
		Inner 1RB Right	15.58	/	/	12.86	/	/	<=34.77	Pass
	693	Edge 1RB Left	16.41	/	/	13.69	/	/	<=34.77	Pass
		Edge 1RB Right	15.28	/	/	12.56	/	/	<=34.77	Pass
		Outer Full	15.86	/	/	13.14	/	/	<=34.77	Pass
		Inner Full	16.14	/	/	13.42	/	/	<=34.77	Pass
		Inner 1RB Left	15.72	/	/	13.00	/	/	<=34.77	Pass
		Inner 1RB Right	15.21	/	/	12.49	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -0.57dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	670.5	Edge 1RB Left	20.70	/	/	17.98	/	/	<=34.77	Pass
		Edge 1RB Right	21.06	/	/	18.34	/	/	<=34.77	Pass
		Outer Full	20.86	/	/	18.14	/	/	<=34.77	Pass
		Inner Full	20.96	/	/	18.24	/	/	<=34.77	Pass
		Inner 1RB Left	21.07	/	/	18.35	/	/	<=34.77	Pass
		Inner 1RB Right	21.48	/	/	18.76	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.42	/	/	18.70	/	/	<=34.77	Pass
		Edge 1RB Right	20.75	/	/	18.03	/	/	<=34.77	Pass
		Outer Full	20.22	/	/	17.50	/	/	<=34.77	Pass
		Inner Full	20.32	/	/	17.60	/	/	<=34.77	Pass
		Inner 1RB Left	21.72	/	/	19.00	/	/	<=34.77	Pass
		Inner 1RB Right	21.16	/	/	18.44	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	20.83	/	/	18.11	/	/	<=34.77	Pass
		Edge 1RB Right	20.52	/	/	17.80	/	/	<=34.77	Pass
		Outer Full	20.71	/	/	17.99	/	/	<=34.77	Pass
		Inner Full	21.12	/	/	18.40	/	/	<=34.77	Pass
		Inner 1RB Left	21.23	/	/	18.51	/	/	<=34.77	Pass
		Inner 1RB Right	21.27	/	/	18.55	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Edge 1RB Left	19.97	/	/	17.25	/	/	<=34.77	Pass
		Edge 1RB Right	20.33	/	/	17.61	/	/	<=34.77	Pass
		Outer Full	19.83	/	/	17.11	/	/	<=34.77	Pass
		Inner Full	20.11	/	/	17.39	/	/	<=34.77	Pass
		Inner 1RB Left	20.38	/	/	17.66	/	/	<=34.77	Pass
		Inner 1RB Right	20.80	/	/	18.08	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.71	/	/	17.99	/	/	<=34.77	Pass
		Edge 1RB Right	20.06	/	/	17.34	/	/	<=34.77	Pass
		Outer Full	19.37	/	/	16.65	/	/	<=34.77	Pass
		Inner Full	19.53	/	/	16.81	/	/	<=34.77	Pass
		Inner 1RB Left	20.99	/	/	18.27	/	/	<=34.77	Pass
		Inner 1RB Right	20.49	/	/	17.77	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	20.16	/	/	17.44	/	/	<=34.77	Pass
		Edge 1RB Right	19.85	/	/	17.13	/	/	<=34.77	Pass
		Outer Full	19.81	/	/	17.09	/	/	<=34.77	Pass
		Inner Full	20.26	/	/	17.54	/	/	<=34.77	Pass
		Inner 1RB Left	20.42	/	/	17.70	/	/	<=34.77	Pass
		Inner 1RB Right	20.45	/	/	17.73	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Edge 1RB Left	19.66	/	/	16.94	/	/	<=34.77	Pass
		Edge 1RB Right	19.99	/	/	17.27	/	/	<=34.77	Pass

		Outer Full	19.48	/	/	16.76	/	/	<=34.77	Pass
		Inner Full	19.28	/	/	16.56	/	/	<=34.77	Pass
		Inner 1RB Left	19.69	/	/	16.97	/	/	<=34.77	Pass
		Inner 1RB Right	19.79	/	/	17.07	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.43	/	/	17.71	/	/	<=34.77	Pass
		Edge 1RB Right	19.83	/	/	17.11	/	/	<=34.77	Pass
		Outer Full	18.94	/	/	16.22	/	/	<=34.77	Pass
		Inner Full	18.67	/	/	15.95	/	/	<=34.77	Pass
		Inner 1RB Left	20.17	/	/	17.45	/	/	<=34.77	Pass
		Inner 1RB Right	19.77	/	/	17.05	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	19.89	/	/	17.17	/	/	<=34.77	Pass
		Edge 1RB Right	19.55	/	/	16.83	/	/	<=34.77	Pass
		Outer Full	19.44	/	/	16.72	/	/	<=34.77	Pass
		Inner Full	19.42	/	/	16.70	/	/	<=34.77	Pass
		Inner 1RB Left	19.69	/	/	16.97	/	/	<=34.77	Pass
		Inner 1RB Right	19.64	/	/	16.92	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Edge 1RB Left	18.25	/	/	15.53	/	/	<=34.77	Pass
		Edge 1RB Right	18.57	/	/	15.85	/	/	<=34.77	Pass
		Outer Full	18.20	/	/	15.48	/	/	<=34.77	Pass
		Inner Full	18.01	/	/	15.29	/	/	<=34.77	Pass
		Inner 1RB Left	18.15	/	/	15.43	/	/	<=34.77	Pass
		Inner 1RB Right	18.58	/	/	15.86	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.88	/	/	16.16	/	/	<=34.77	Pass
		Edge 1RB Right	18.29	/	/	15.57	/	/	<=34.77	Pass
		Outer Full	17.70	/	/	14.98	/	/	<=34.77	Pass
		Inner Full	17.42	/	/	14.70	/	/	<=34.77	Pass
		Inner 1RB Left	18.69	/	/	15.97	/	/	<=34.77	Pass
		Inner 1RB Right	18.27	/	/	15.55	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	18.37	/	/	15.65	/	/	<=34.77	Pass
		Edge 1RB Right	17.92	/	/	15.20	/	/	<=34.77	Pass
		Outer Full	18.04	/	/	15.32	/	/	<=34.77	Pass
		Inner Full	18.02	/	/	15.30	/	/	<=34.77	Pass
		Inner 1RB Left	18.13	/	/	15.41	/	/	<=34.77	Pass
		Inner 1RB Right	18.06	/	/	15.34	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Edge 1RB Left	19.56	/	/	16.84	/	/	<=34.77	Pass
		Edge 1RB Right	19.85	/	/	17.13	/	/	<=34.77	Pass
		Outer Full	19.65	/	/	16.93	/	/	<=34.77	Pass
		Inner Full	19.77	/	/	17.05	/	/	<=34.77	Pass
		Inner 1RB Left	19.82	/	/	17.10	/	/	<=34.77	Pass
		Inner 1RB Right	20.24	/	/	17.52	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.06	/	/	17.34	/	/	<=34.77	Pass
		Edge 1RB Right	19.63	/	/	16.91	/	/	<=34.77	Pass
		Outer Full	19.14	/	/	16.42	/	/	<=34.77	Pass
		Inner Full	19.19	/	/	16.47	/	/	<=34.77	Pass
		Inner 1RB Left	20.41	/	/	17.69	/	/	<=34.77	Pass
		Inner 1RB Right	20.07	/	/	17.35	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	19.79	/	/	17.07	/	/	<=34.77	Pass
		Edge 1RB Right	19.43	/	/	16.71	/	/	<=34.77	Pass
		Outer Full	19.64	/	/	16.92	/	/	<=34.77	Pass
		Inner Full	19.94	/	/	17.22	/	/	<=34.77	Pass
		Inner 1RB Left	19.99	/	/	17.27	/	/	<=34.77	Pass
		Inner 1RB Right	19.92	/	/	17.20	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge 1RB Left	19.30	/	/	16.58	/	/	<=34.77	Pass
		Edge 1RB Right	19.67	/	/	16.95	/	/	<=34.77	Pass
		Outer Full	19.09	/	/	16.37	/	/	<=34.77	Pass
		Inner Full	19.39	/	/	16.67	/	/	<=34.77	Pass
		Inner 1RB Left	19.72	/	/	17.00	/	/	<=34.77	Pass
		Inner 1RB Right	20.12	/	/	17.40	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.83	/	/	17.11	/	/	<=34.77	Pass

		Edge_1RB_Right	19.31	/	/	16.59	/	/	<=34.77	Pass
		Outer_Full	18.58	/	/	15.86	/	/	<=34.77	Pass
		Inner_Full	18.67	/	/	15.95	/	/	<=34.77	Pass
		Inner_1RB_Left	20.09	/	/	17.37	/	/	<=34.77	Pass
		Inner_1RB_Right	19.73	/	/	17.01	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.57	/	/	16.85	/	/	<=34.77	Pass
		Edge_1RB_Right	19.16	/	/	16.44	/	/	<=34.77	Pass
		Outer_Full	19.08	/	/	16.36	/	/	<=34.77	Pass
		Inner_Full	19.52	/	/	16.80	/	/	<=34.77	Pass
		Inner_1RB_Left	19.85	/	/	17.13	/	/	<=34.77	Pass
	Inner_1RB_Right	19.78	/	/	17.06	/	/	<=34.77	Pass	
CP-OFDM 64 QAM	670.5	Edge_1RB_Left	18.97	/	/	16.25	/	/	<=34.77	Pass
		Edge_1RB_Right	19.35	/	/	16.63	/	/	<=34.77	Pass
		Outer_Full	18.80	/	/	16.08	/	/	<=34.77	Pass
		Inner_Full	19.43	/	/	16.71	/	/	<=34.77	Pass
		Inner_1RB_Left	19.84	/	/	17.12	/	/	<=34.77	Pass
		Inner_1RB_Right	20.11	/	/	17.39	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	19.54	/	/	16.82	/	/	<=34.77	Pass
		Edge_1RB_Right	18.98	/	/	16.26	/	/	<=34.77	Pass
		Outer_Full	18.23	/	/	15.51	/	/	<=34.77	Pass
		Inner_Full	18.70	/	/	15.98	/	/	<=34.77	Pass
		Inner_1RB_Left	20.13	/	/	17.41	/	/	<=34.77	Pass
		Inner_1RB_Right	19.73	/	/	17.01	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	19.07	/	/	16.35	/	/	<=34.77	Pass
		Edge_1RB_Right	18.66	/	/	15.94	/	/	<=34.77	Pass
		Outer_Full	18.62	/	/	15.90	/	/	<=34.77	Pass
		Inner_Full	19.54	/	/	16.82	/	/	<=34.77	Pass
		Inner_1RB_Left	19.79	/	/	17.07	/	/	<=34.77	Pass
		Inner_1RB_Right	19.74	/	/	17.02	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Edge_1RB_Left	16.47	/	/	13.75	/	/	<=34.77	Pass
		Edge_1RB_Right	16.83	/	/	14.11	/	/	<=34.77	Pass
		Outer_Full	16.43	/	/	13.71	/	/	<=34.77	Pass
		Inner_Full	16.10	/	/	13.38	/	/	<=34.77	Pass
		Inner_1RB_Left	16.37	/	/	13.65	/	/	<=34.77	Pass
		Inner_1RB_Right	16.84	/	/	14.12	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	17.19	/	/	14.47	/	/	<=34.77	Pass
		Edge_1RB_Right	16.68	/	/	13.96	/	/	<=34.77	Pass
		Outer_Full	15.88	/	/	13.16	/	/	<=34.77	Pass
		Inner_Full	15.61	/	/	12.89	/	/	<=34.77	Pass
		Inner_1RB_Left	16.98	/	/	14.26	/	/	<=34.77	Pass
		Inner_1RB_Right	16.64	/	/	13.92	/	/	<=34.77	Pass
	690.5	Edge_1RB_Left	16.82	/	/	14.10	/	/	<=34.77	Pass
		Edge_1RB_Right	16.30	/	/	13.58	/	/	<=34.77	Pass
		Outer_Full	16.29	/	/	13.57	/	/	<=34.77	Pass
Inner_Full		16.30	/	/	13.58	/	/	<=34.77	Pass	
Inner_1RB_Left		16.63	/	/	13.91	/	/	<=34.77	Pass	
	Inner_1RB_Right	16.46	/	/	13.74	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant1: -0.57dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n71 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	673	Edge_1RB_Left	21.16	/	/	18.44	/	/	<=34.77	Pass
		Edge_1RB_Right	21.06	/	/	18.34	/	/	<=34.77	Pass
		Outer_Full	21.10	/	/	18.38	/	/	<=34.77	Pass

		Inner Full	21.36	/	/	18.64	/	/	<=34.77	Pass
		Inner 1RB Left	21.70	/	/	18.98	/	/	<=34.77	Pass
		Inner 1RB Right	21.46	/	/	18.74	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.17	/	/	18.45	/	/	<=34.77	Pass
		Edge 1RB Right	20.98	/	/	18.26	/	/	<=34.77	Pass
		Outer Full	20.08	/	/	17.36	/	/	<=34.77	Pass
		Inner Full	20.01	/	/	17.29	/	/	<=34.77	Pass
		Inner 1RB Left	21.51	/	/	18.79	/	/	<=34.77	Pass
		Inner 1RB Right	21.42	/	/	18.70	/	/	<=34.77	Pass
	688	Edge 1RB Left	20.89	/	/	18.17	/	/	<=34.77	Pass
		Edge 1RB Right	19.67	/	/	16.95	/	/	<=34.77	Pass
		Outer Full	19.94	/	/	17.22	/	/	<=34.77	Pass
		Inner Full	19.86	/	/	17.14	/	/	<=34.77	Pass
		Inner 1RB Left	21.15	/	/	18.43	/	/	<=34.77	Pass
		Inner 1RB Right	20.16	/	/	17.44	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Edge 1RB Left	20.49	/	/	17.77	/	/	<=34.77	Pass
		Edge 1RB Right	20.32	/	/	17.60	/	/	<=34.77	Pass
		Outer Full	20.15	/	/	17.43	/	/	<=34.77	Pass
		Inner Full	20.51	/	/	17.79	/	/	<=34.77	Pass
		Inner 1RB Left	20.94	/	/	18.22	/	/	<=34.77	Pass
		Inner 1RB Right	20.83	/	/	18.11	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.39	/	/	17.67	/	/	<=34.77	Pass
		Edge 1RB Right	20.32	/	/	17.60	/	/	<=34.77	Pass
		Outer Full	19.23	/	/	16.51	/	/	<=34.77	Pass
		Inner Full	19.20	/	/	16.48	/	/	<=34.77	Pass
		Inner 1RB Left	20.82	/	/	18.10	/	/	<=34.77	Pass
		Inner 1RB Right	20.77	/	/	18.05	/	/	<=34.77	Pass
	688	Edge 1RB Left	20.15	/	/	17.43	/	/	<=34.77	Pass
		Edge 1RB Right	18.92	/	/	16.20	/	/	<=34.77	Pass
		Outer Full	18.98	/	/	16.26	/	/	<=34.77	Pass
		Inner Full	19.06	/	/	16.34	/	/	<=34.77	Pass
		Inner 1RB Left	20.41	/	/	17.69	/	/	<=34.77	Pass
		Inner 1RB Right	19.40	/	/	16.68	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Edge 1RB Left	20.25	/	/	17.53	/	/	<=34.77	Pass
		Edge 1RB Right	20.15	/	/	17.43	/	/	<=34.77	Pass
		Outer Full	19.81	/	/	17.09	/	/	<=34.77	Pass
		Inner Full	19.66	/	/	16.94	/	/	<=34.77	Pass
		Inner 1RB Left	20.22	/	/	17.50	/	/	<=34.77	Pass
		Inner 1RB Right	20.22	/	/	17.50	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.10	/	/	17.38	/	/	<=34.77	Pass
		Edge 1RB Right	19.92	/	/	17.20	/	/	<=34.77	Pass
		Outer Full	18.70	/	/	15.98	/	/	<=34.77	Pass
		Inner Full	18.26	/	/	15.54	/	/	<=34.77	Pass
		Inner 1RB Left	19.94	/	/	17.22	/	/	<=34.77	Pass
		Inner 1RB Right	19.93	/	/	17.21	/	/	<=34.77	Pass
	688	Edge 1RB Left	19.83	/	/	17.11	/	/	<=34.77	Pass
		Edge 1RB Right	18.66	/	/	15.94	/	/	<=34.77	Pass
		Outer Full	18.59	/	/	15.87	/	/	<=34.77	Pass
		Inner Full	18.23	/	/	15.51	/	/	<=34.77	Pass
		Inner 1RB Left	19.66	/	/	16.94	/	/	<=34.77	Pass
		Inner 1RB Right	18.74	/	/	16.02	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Edge 1RB Left	18.65	/	/	15.93	/	/	<=34.77	Pass
		Edge 1RB Right	18.59	/	/	15.87	/	/	<=34.77	Pass
		Outer Full	18.44	/	/	15.72	/	/	<=34.77	Pass
		Inner Full	18.27	/	/	15.55	/	/	<=34.77	Pass
		Inner 1RB Left	18.62	/	/	15.90	/	/	<=34.77	Pass
		Inner 1RB Right	18.60	/	/	15.88	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.51	/	/	15.79	/	/	<=34.77	Pass
		Edge 1RB Right	18.33	/	/	15.61	/	/	<=34.77	Pass

		Outer Full	17.44	/	/	14.72	/	/	<=34.77	Pass
		Inner Full	17.00	/	/	14.28	/	/	<=34.77	Pass
		Inner 1RB Left	18.35	/	/	15.63	/	/	<=34.77	Pass
		Inner 1RB Right	18.36	/	/	15.64	/	/	<=34.77	Pass
	688	Edge 1RB Left	18.12	/	/	15.40	/	/	<=34.77	Pass
		Edge 1RB Right	16.85	/	/	14.13	/	/	<=34.77	Pass
		Outer Full	17.24	/	/	14.52	/	/	<=34.77	Pass
		Inner Full	16.73	/	/	14.01	/	/	<=34.77	Pass
		Inner 1RB Left	17.95	/	/	15.23	/	/	<=34.77	Pass
		Inner 1RB Right	16.90	/	/	14.18	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Edge 1RB Left	20.03	/	/	17.31	/	/	<=34.77	Pass
		Edge 1RB Right	20.07	/	/	17.35	/	/	<=34.77	Pass
		Outer Full	19.92	/	/	17.20	/	/	<=34.77	Pass
		Inner Full	20.10	/	/	17.38	/	/	<=34.77	Pass
		Inner 1RB Left	20.36	/	/	17.64	/	/	<=34.77	Pass
		Inner 1RB Right	20.34	/	/	17.62	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.79	/	/	17.07	/	/	<=34.77	Pass
		Edge 1RB Right	19.71	/	/	16.99	/	/	<=34.77	Pass
		Outer Full	18.99	/	/	16.27	/	/	<=34.77	Pass
		Inner Full	18.83	/	/	16.11	/	/	<=34.77	Pass
		Inner 1RB Left	20.11	/	/	17.39	/	/	<=34.77	Pass
		Inner 1RB Right	20.15	/	/	17.43	/	/	<=34.77	Pass
	688	Edge 1RB Left	19.63	/	/	16.91	/	/	<=34.77	Pass
		Edge 1RB Right	18.40	/	/	15.68	/	/	<=34.77	Pass
		Outer Full	18.68	/	/	15.96	/	/	<=34.77	Pass
		Inner Full	18.71	/	/	15.99	/	/	<=34.77	Pass
		Inner 1RB Left	19.76	/	/	17.04	/	/	<=34.77	Pass
		Inner 1RB Right	18.70	/	/	15.98	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Edge 1RB Left	19.81	/	/	17.09	/	/	<=34.77	Pass
		Edge 1RB Right	19.80	/	/	17.08	/	/	<=34.77	Pass
		Outer Full	19.43	/	/	16.71	/	/	<=34.77	Pass
		Inner Full	19.72	/	/	17.00	/	/	<=34.77	Pass
		Inner 1RB Left	20.23	/	/	17.51	/	/	<=34.77	Pass
		Inner 1RB Right	20.19	/	/	17.47	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.53	/	/	16.81	/	/	<=34.77	Pass
		Edge 1RB Right	19.51	/	/	16.79	/	/	<=34.77	Pass
		Outer Full	18.44	/	/	15.72	/	/	<=34.77	Pass
		Inner Full	18.36	/	/	15.64	/	/	<=34.77	Pass
		Inner 1RB Left	19.88	/	/	17.16	/	/	<=34.77	Pass
		Inner 1RB Right	19.86	/	/	17.14	/	/	<=34.77	Pass
	688	Edge 1RB Left	19.38	/	/	16.66	/	/	<=34.77	Pass
		Edge 1RB Right	18.18	/	/	15.46	/	/	<=34.77	Pass
		Outer Full	18.15	/	/	15.43	/	/	<=34.77	Pass
		Inner Full	18.27	/	/	15.55	/	/	<=34.77	Pass
		Inner 1RB Left	19.67	/	/	16.95	/	/	<=34.77	Pass
		Inner 1RB Right	18.62	/	/	15.90	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Edge 1RB Left	19.41	/	/	16.69	/	/	<=34.77	Pass
		Edge 1RB Right	19.32	/	/	16.60	/	/	<=34.77	Pass
		Outer Full	19.00	/	/	16.28	/	/	<=34.77	Pass
		Inner Full	19.72	/	/	17.00	/	/	<=34.77	Pass
		Inner 1RB Left	20.36	/	/	17.64	/	/	<=34.77	Pass
		Inner 1RB Right	20.31	/	/	17.59	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.37	/	/	16.65	/	/	<=34.77	Pass
		Edge 1RB Right	19.28	/	/	16.56	/	/	<=34.77	Pass
		Outer Full	18.07	/	/	15.35	/	/	<=34.77	Pass
		Inner Full	18.36	/	/	15.64	/	/	<=34.77	Pass
		Inner 1RB Left	20.06	/	/	17.34	/	/	<=34.77	Pass
		Inner 1RB Right	20.03	/	/	17.31	/	/	<=34.77	Pass
	688	Edge 1RB Left	18.86	/	/	16.14	/	/	<=34.77	Pass

CP-OFDM 256 QAM		Edge_1RB_Right	17.65	/	/	14.93	/	/	<=34.77	Pass	
		Outer_Full	17.67	/	/	14.95	/	/	<=34.77	Pass	
		Inner_Full	18.27	/	/	15.55	/	/	<=34.77	Pass	
		Inner_1RB_Left	19.78	/	/	17.06	/	/	<=34.77	Pass	
		Inner_1RB_Right	18.72	/	/	16.00	/	/	<=34.77	Pass	
	673	Edge_1RB_Left	16.96	/	/	14.24	/	/	<=34.77	Pass	
		Edge_1RB_Right	16.98	/	/	14.26	/	/	<=34.77	Pass	
		Outer_Full	16.71	/	/	13.99	/	/	<=34.77	Pass	
		Inner_Full	16.36	/	/	13.64	/	/	<=34.77	Pass	
		Inner_1RB_Left	16.91	/	/	14.19	/	/	<=34.77	Pass	
		Inner_1RB_Right	16.90	/	/	14.18	/	/	<=34.77	Pass	
		680.5	Edge_1RB_Left	16.84	/	/	14.12	/	/	<=34.77	Pass
			Edge_1RB_Right	16.76	/	/	14.04	/	/	<=34.77	Pass
			Outer_Full	15.74	/	/	13.02	/	/	<=34.77	Pass
			Inner_Full	15.27	/	/	12.55	/	/	<=34.77	Pass
			Inner_1RB_Left	16.69	/	/	13.97	/	/	<=34.77	Pass
			Inner_1RB_Right	16.66	/	/	13.94	/	/	<=34.77	Pass
		688	Edge_1RB_Left	16.58	/	/	13.86	/	/	<=34.77	Pass
			Edge_1RB_Right	15.32	/	/	12.60	/	/	<=34.77	Pass
			Outer_Full	15.38	/	/	12.66	/	/	<=34.77	Pass
Inner_Full	15.08		/	/	12.36	/	/	<=34.77	Pass		
Inner_1RB_Left	16.40		/	/	13.68	/	/	<=34.77	Pass		
		Inner_1RB_Right	15.25	/	/	12.53	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant1: -0.57dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15											

1.1.5 30k_SISO_10MHz_NTNV_ERP

5G NR n71 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	668	Edge 1RB Left	19.71	/	/	16.99	/	/	<=34.77	Pass
		Edge 1RB Right	20.51	/	/	17.79	/	/	<=34.77	Pass
		Outer Full	20.06	/	/	17.34	/	/	<=34.77	Pass
		Inner Full	20.50	/	/	17.78	/	/	<=34.77	Pass
		Inner 1RB Left	20.42	/	/	17.70	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	20.99	/	/	18.27	/	/	<=34.77	Pass
		Edge 1RB Left	20.41	/	/	17.69	/	/	<=34.77	Pass
		Edge 1RB Right	19.72	/	/	17.00	/	/	<=34.77	Pass
		Outer Full	19.90	/	/	17.18	/	/	<=34.77	Pass
		Inner Full	20.06	/	/	17.34	/	/	<=34.77	Pass
	693	Inner 1RB Left	20.65	/	/	17.93	/	/	<=34.77	Pass
		Inner 1RB Right	20.18	/	/	17.46	/	/	<=34.77	Pass
		Edge 1RB Left	20.79	/	/	18.07	/	/	<=34.77	Pass
		Edge 1RB Right	20.15	/	/	17.43	/	/	<=34.77	Pass
		Outer Full	20.76	/	/	18.04	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Inner Full	21.21	/	/	18.49	/	/	<=34.77	Pass
		Inner 1RB Left	21.18	/	/	18.46	/	/	<=34.77	Pass
		Inner 1RB Right	21.11	/	/	18.39	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.13	/	/	16.41	/	/	<=34.77	Pass
		Edge 1RB Right	19.67	/	/	16.95	/	/	<=34.77	Pass
		Outer Full	19.23	/	/	16.51	/	/	<=34.77	Pass
		Inner Full	19.67	/	/	16.95	/	/	<=34.77	Pass
		Inner 1RB Left	19.57	/	/	16.85	/	/	<=34.77	Pass
		Inner 1RB Right	20.21	/	/	17.49	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.79	/	/	17.07	/	/	<=34.77	Pass
		Edge 1RB Right	19.08	/	/	16.36	/	/	<=34.77	Pass
		Outer Full	19.01	/	/	16.29	/	/	<=34.77	Pass

		Inner Full	19.34	/	/	16.62	/	/	<=34.77	Pass
		Inner 1RB Left	19.95	/	/	17.23	/	/	<=34.77	Pass
		Inner 1RB Right	19.59	/	/	16.87	/	/	<=34.77	Pass
	693	Edge 1RB Left	20.12	/	/	17.40	/	/	<=34.77	Pass
		Edge 1RB Right	19.44	/	/	16.72	/	/	<=34.77	Pass
		Outer Full	19.85	/	/	17.13	/	/	<=34.77	Pass
		Inner Full	20.39	/	/	17.67	/	/	<=34.77	Pass
		Inner 1RB Left	20.43	/	/	17.71	/	/	<=34.77	Pass
		Inner 1RB Right	20.39	/	/	17.67	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Edge 1RB Left	18.79	/	/	16.07	/	/	<=34.77	Pass
		Edge 1RB Right	19.34	/	/	16.62	/	/	<=34.77	Pass
		Outer Full	18.85	/	/	16.13	/	/	<=34.77	Pass
		Inner Full	18.80	/	/	16.08	/	/	<=34.77	Pass
		Inner 1RB Left	18.72	/	/	16.00	/	/	<=34.77	Pass
		Inner 1RB Right	19.36	/	/	16.64	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.35	/	/	16.63	/	/	<=34.77	Pass
		Edge 1RB Right	18.72	/	/	16.00	/	/	<=34.77	Pass
		Outer Full	18.54	/	/	15.82	/	/	<=34.77	Pass
		Inner Full	18.46	/	/	15.74	/	/	<=34.77	Pass
		Inner 1RB Left	19.01	/	/	16.29	/	/	<=34.77	Pass
		Inner 1RB Right	18.77	/	/	16.05	/	/	<=34.77	Pass
	693	Edge 1RB Left	19.76	/	/	17.04	/	/	<=34.77	Pass
		Edge 1RB Right	19.13	/	/	16.41	/	/	<=34.77	Pass
		Outer Full	19.43	/	/	16.71	/	/	<=34.77	Pass
		Inner Full	19.48	/	/	16.76	/	/	<=34.77	Pass
		Inner 1RB Left	19.60	/	/	16.88	/	/	<=34.77	Pass
		Inner 1RB Right	19.51	/	/	16.79	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Edge 1RB Left	17.16	/	/	14.44	/	/	<=34.77	Pass
		Edge 1RB Right	17.69	/	/	14.97	/	/	<=34.77	Pass
		Outer Full	17.49	/	/	14.77	/	/	<=34.77	Pass
		Inner Full	17.33	/	/	14.61	/	/	<=34.77	Pass
		Inner 1RB Left	17.19	/	/	14.47	/	/	<=34.77	Pass
		Inner 1RB Right	17.74	/	/	15.02	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	17.98	/	/	15.26	/	/	<=34.77	Pass
		Edge 1RB Right	17.35	/	/	14.63	/	/	<=34.77	Pass
		Outer Full	17.34	/	/	14.62	/	/	<=34.77	Pass
		Inner Full	17.26	/	/	14.54	/	/	<=34.77	Pass
		Inner 1RB Left	17.69	/	/	14.97	/	/	<=34.77	Pass
		Inner 1RB Right	17.41	/	/	14.69	/	/	<=34.77	Pass
	693	Edge 1RB Left	18.23	/	/	15.51	/	/	<=34.77	Pass
		Edge 1RB Right	17.57	/	/	14.85	/	/	<=34.77	Pass
		Outer Full	18.11	/	/	15.39	/	/	<=34.77	Pass
		Inner Full	18.08	/	/	15.36	/	/	<=34.77	Pass
		Inner 1RB Left	18.03	/	/	15.31	/	/	<=34.77	Pass
		Inner 1RB Right	18.00	/	/	15.28	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Edge 1RB Left	18.53	/	/	15.81	/	/	<=34.77	Pass
		Edge 1RB Right	19.03	/	/	16.31	/	/	<=34.77	Pass
		Outer Full	18.86	/	/	16.14	/	/	<=34.77	Pass
		Inner Full	19.25	/	/	16.53	/	/	<=34.77	Pass
		Inner 1RB Left	19.02	/	/	16.30	/	/	<=34.77	Pass
		Inner 1RB Right	19.63	/	/	16.91	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.22	/	/	16.50	/	/	<=34.77	Pass
		Edge 1RB Right	18.66	/	/	15.94	/	/	<=34.77	Pass
		Outer Full	18.76	/	/	16.04	/	/	<=34.77	Pass
		Inner Full	19.06	/	/	16.34	/	/	<=34.77	Pass
		Inner 1RB Left	19.43	/	/	16.71	/	/	<=34.77	Pass
		Inner 1RB Right	19.18	/	/	16.46	/	/	<=34.77	Pass
	693	Edge 1RB Left	19.60	/	/	16.88	/	/	<=34.77	Pass
		Edge 1RB Right	18.96	/	/	16.24	/	/	<=34.77	Pass

		Outer_Full	19.55	/	/	16.83	/	/	<=34.77	Pass
		Inner_Full	20.27	/	/	17.55	/	/	<=34.77	Pass
		Inner_1RB_Left	20.45	/	/	17.73	/	/	<=34.77	Pass
		Inner_1RB_Right	20.42	/	/	17.70	/	/	<=34.77	Pass
CP-OFDM 16 QAM	668	Edge_1RB_Left	18.26	/	/	15.54	/	/	<=34.77	Pass
		Edge_1RB_Right	18.77	/	/	16.05	/	/	<=34.77	Pass
		Outer_Full	18.30	/	/	15.58	/	/	<=34.77	Pass
		Inner_Full	18.77	/	/	16.05	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	18.76	/	/	16.04	/	/	<=34.77	Pass
		Inner_1RB_Right	19.29	/	/	16.57	/	/	<=34.77	Pass
		Edge_1RB_Left	19.01	/	/	16.29	/	/	<=34.77	Pass
		Edge_1RB_Right	18.43	/	/	15.71	/	/	<=34.77	Pass
		Outer_Full	18.25	/	/	15.53	/	/	<=34.77	Pass
		Inner_Full	18.63	/	/	15.91	/	/	<=34.77	Pass
	693	Inner_1RB_Left	19.19	/	/	16.47	/	/	<=34.77	Pass
		Inner_1RB_Right	18.94	/	/	16.22	/	/	<=34.77	Pass
		Edge_1RB_Left	19.65	/	/	16.93	/	/	<=34.77	Pass
		Edge_1RB_Right	19.00	/	/	16.28	/	/	<=34.77	Pass
		Outer_Full	19.35	/	/	16.63	/	/	<=34.77	Pass
		Inner_Full	19.81	/	/	17.09	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Inner_1RB_Left	19.95	/	/	17.23	/	/	<=34.77	Pass
		Inner_1RB_Right	19.86	/	/	17.14	/	/	<=34.77	Pass
		Edge_1RB_Left	17.98	/	/	15.26	/	/	<=34.77	Pass
		Edge_1RB_Right	18.42	/	/	15.70	/	/	<=34.77	Pass
		Outer_Full	17.89	/	/	15.17	/	/	<=34.77	Pass
		Inner_Full	18.77	/	/	16.05	/	/	<=34.77	Pass
	680.5	Inner_1RB_Left	18.91	/	/	16.19	/	/	<=34.77	Pass
		Inner_1RB_Right	19.38	/	/	16.66	/	/	<=34.77	Pass
		Edge_1RB_Left	18.80	/	/	16.08	/	/	<=34.77	Pass
		Edge_1RB_Right	18.20	/	/	15.48	/	/	<=34.77	Pass
		Outer_Full	17.88	/	/	15.16	/	/	<=34.77	Pass
		Inner_Full	18.63	/	/	15.91	/	/	<=34.77	Pass
		Inner_1RB_Left	19.35	/	/	16.63	/	/	<=34.77	Pass
		Inner_1RB_Right	19.07	/	/	16.35	/	/	<=34.77	Pass
	693	Edge_1RB_Left	19.31	/	/	16.59	/	/	<=34.77	Pass
		Edge_1RB_Right	18.64	/	/	15.92	/	/	<=34.77	Pass
Outer_Full		18.84	/	/	16.12	/	/	<=34.77	Pass	
Inner_Full		19.78	/	/	17.06	/	/	<=34.77	Pass	
Inner_1RB_Left		20.10	/	/	17.38	/	/	<=34.77	Pass	
Inner_1RB_Right		19.98	/	/	17.26	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	668	Edge_1RB_Left	15.47	/	/	12.75	/	/	<=34.77	Pass
		Edge_1RB_Right	15.96	/	/	13.24	/	/	<=34.77	Pass
		Outer_Full	15.56	/	/	12.84	/	/	<=34.77	Pass
		Inner_Full	15.55	/	/	12.83	/	/	<=34.77	Pass
		Inner_1RB_Left	15.51	/	/	12.79	/	/	<=34.77	Pass
		Inner_1RB_Right	16.05	/	/	13.33	/	/	<=34.77	Pass
	680.5	Edge_1RB_Left	16.27	/	/	13.55	/	/	<=34.77	Pass
		Edge_1RB_Right	15.75	/	/	13.03	/	/	<=34.77	Pass
		Outer_Full	15.63	/	/	12.91	/	/	<=34.77	Pass
		Inner_Full	15.50	/	/	12.78	/	/	<=34.77	Pass
		Inner_1RB_Left	15.98	/	/	13.26	/	/	<=34.77	Pass
		Inner_1RB_Right	15.83	/	/	13.11	/	/	<=34.77	Pass
	693	Edge_1RB_Left	16.83	/	/	14.11	/	/	<=34.77	Pass
		Edge_1RB_Right	16.15	/	/	13.43	/	/	<=34.77	Pass
		Outer_Full	16.51	/	/	13.79	/	/	<=34.77	Pass
		Inner_Full	16.53	/	/	13.81	/	/	<=34.77	Pass
Inner_1RB_Left		16.67	/	/	13.95	/	/	<=34.77	Pass	
Inner_1RB_Right		16.60	/	/	13.88	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant1: -0.57dBi;										

Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.6 30k_SISO_15MHz_NTNV_ERP

5G NR n71 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	670.5	Edge 1RB Left	20.72	/	/	18.00	/	/	<=34.77	Pass
		Edge 1RB Right	21.23	/	/	18.51	/	/	<=34.77	Pass
		Outer Full	21.00	/	/	18.28	/	/	<=34.77	Pass
		Inner Full	21.11	/	/	18.39	/	/	<=34.77	Pass
		Inner 1RB Left	21.21	/	/	18.49	/	/	<=34.77	Pass
		Inner 1RB Right	21.63	/	/	18.91	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.53	/	/	18.81	/	/	<=34.77	Pass
		Edge 1RB Right	21.24	/	/	18.52	/	/	<=34.77	Pass
		Outer Full	20.23	/	/	17.51	/	/	<=34.77	Pass
		Inner Full	20.69	/	/	17.97	/	/	<=34.77	Pass
		Inner 1RB Left	21.80	/	/	19.08	/	/	<=34.77	Pass
		Inner 1RB Right	21.44	/	/	18.72	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	20.48	/	/	17.76	/	/	<=34.77	Pass
		Edge 1RB Right	20.92	/	/	18.20	/	/	<=34.77	Pass
		Outer Full	20.72	/	/	18.00	/	/	<=34.77	Pass
		Inner Full	21.11	/	/	18.39	/	/	<=34.77	Pass
		Inner 1RB Left	20.74	/	/	18.02	/	/	<=34.77	Pass
		Inner 1RB Right	21.33	/	/	18.61	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Edge 1RB Left	19.92	/	/	17.20	/	/	<=34.77	Pass
		Edge 1RB Right	20.55	/	/	17.83	/	/	<=34.77	Pass
		Outer Full	19.97	/	/	17.25	/	/	<=34.77	Pass
		Inner Full	20.24	/	/	17.52	/	/	<=34.77	Pass
		Inner 1RB Left	20.53	/	/	17.81	/	/	<=34.77	Pass
		Inner 1RB Right	20.92	/	/	18.20	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.80	/	/	18.08	/	/	<=34.77	Pass
		Edge 1RB Right	20.69	/	/	17.97	/	/	<=34.77	Pass
		Outer Full	19.81	/	/	17.09	/	/	<=34.77	Pass
		Inner Full	20.00	/	/	17.28	/	/	<=34.77	Pass
		Inner 1RB Left	21.20	/	/	18.48	/	/	<=34.77	Pass
		Inner 1RB Right	20.93	/	/	18.21	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	19.78	/	/	17.06	/	/	<=34.77	Pass
		Edge 1RB Right	20.26	/	/	17.54	/	/	<=34.77	Pass
		Outer Full	19.81	/	/	17.09	/	/	<=34.77	Pass
		Inner Full	20.23	/	/	17.51	/	/	<=34.77	Pass
		Inner 1RB Left	20.22	/	/	17.50	/	/	<=34.77	Pass
		Inner 1RB Right	20.75	/	/	18.03	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Edge 1RB Left	19.57	/	/	16.85	/	/	<=34.77	Pass
		Edge 1RB Right	20.18	/	/	17.46	/	/	<=34.77	Pass
		Outer Full	19.57	/	/	16.85	/	/	<=34.77	Pass
		Inner Full	19.38	/	/	16.66	/	/	<=34.77	Pass
		Inner 1RB Left	19.71	/	/	16.99	/	/	<=34.77	Pass
		Inner 1RB Right	20.09	/	/	17.37	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.13	/	/	17.41	/	/	<=34.77	Pass
		Edge 1RB Right	19.95	/	/	17.23	/	/	<=34.77	Pass
		Outer Full	19.31	/	/	16.59	/	/	<=34.77	Pass
		Inner Full	18.87	/	/	16.15	/	/	<=34.77	Pass
		Inner 1RB Left	20.07	/	/	17.35	/	/	<=34.77	Pass
		Inner 1RB Right	19.74	/	/	17.02	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	19.49	/	/	16.77	/	/	<=34.77	Pass
		Edge 1RB Right	19.91	/	/	17.19	/	/	<=34.77	Pass

		Outer Full	19.41	/	/	16.69	/	/	<=34.77	Pass
		Inner Full	19.40	/	/	16.68	/	/	<=34.77	Pass
		Inner 1RB Left	19.43	/	/	16.71	/	/	<=34.77	Pass
		Inner 1RB Right	19.94	/	/	17.22	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Edge 1RB Left	18.02	/	/	15.30	/	/	<=34.77	Pass
		Edge 1RB Right	18.82	/	/	16.10	/	/	<=34.77	Pass
		Outer Full	18.29	/	/	15.57	/	/	<=34.77	Pass
		Inner Full	17.94	/	/	15.22	/	/	<=34.77	Pass
		Inner 1RB Left	18.34	/	/	15.62	/	/	<=34.77	Pass
		Inner 1RB Right	18.53	/	/	15.81	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	18.60	/	/	15.88	/	/	<=34.77	Pass
		Edge 1RB Right	18.52	/	/	15.80	/	/	<=34.77	Pass
		Outer Full	17.85	/	/	15.13	/	/	<=34.77	Pass
		Inner Full	17.50	/	/	14.78	/	/	<=34.77	Pass
		Inner 1RB Left	18.56	/	/	15.84	/	/	<=34.77	Pass
		Inner 1RB Right	18.31	/	/	15.59	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	17.93	/	/	15.21	/	/	<=34.77	Pass
		Edge 1RB Right	18.30	/	/	15.58	/	/	<=34.77	Pass
		Outer Full	18.04	/	/	15.32	/	/	<=34.77	Pass
		Inner Full	17.91	/	/	15.19	/	/	<=34.77	Pass
		Inner 1RB Left	17.90	/	/	15.18	/	/	<=34.77	Pass
		Inner 1RB Right	18.37	/	/	15.65	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Edge 1RB Left	19.34	/	/	16.62	/	/	<=34.77	Pass
		Edge 1RB Right	20.01	/	/	17.29	/	/	<=34.77	Pass
		Outer Full	19.64	/	/	16.92	/	/	<=34.77	Pass
		Inner Full	19.81	/	/	17.09	/	/	<=34.77	Pass
		Inner 1RB Left	20.01	/	/	17.29	/	/	<=34.77	Pass
		Inner 1RB Right	20.35	/	/	17.63	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.76	/	/	17.04	/	/	<=34.77	Pass
		Edge 1RB Right	19.79	/	/	17.07	/	/	<=34.77	Pass
		Outer Full	19.26	/	/	16.54	/	/	<=34.77	Pass
		Inner Full	19.31	/	/	16.59	/	/	<=34.77	Pass
		Inner 1RB Left	20.32	/	/	17.60	/	/	<=34.77	Pass
		Inner 1RB Right	20.07	/	/	17.35	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	19.28	/	/	16.56	/	/	<=34.77	Pass
		Edge 1RB Right	19.70	/	/	16.98	/	/	<=34.77	Pass
		Outer Full	19.51	/	/	16.79	/	/	<=34.77	Pass
		Inner Full	19.88	/	/	17.16	/	/	<=34.77	Pass
		Inner 1RB Left	19.77	/	/	17.05	/	/	<=34.77	Pass
		Inner 1RB Right	20.25	/	/	17.53	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Edge 1RB Left	19.05	/	/	16.33	/	/	<=34.77	Pass
		Edge 1RB Right	19.60	/	/	16.88	/	/	<=34.77	Pass
		Outer Full	19.07	/	/	16.35	/	/	<=34.77	Pass
		Inner Full	19.35	/	/	16.63	/	/	<=34.77	Pass
		Inner 1RB Left	19.59	/	/	16.87	/	/	<=34.77	Pass
		Inner 1RB Right	19.93	/	/	17.21	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.48	/	/	16.76	/	/	<=34.77	Pass
		Edge 1RB Right	19.42	/	/	16.70	/	/	<=34.77	Pass
		Outer Full	18.64	/	/	15.92	/	/	<=34.77	Pass
		Inner Full	18.77	/	/	16.05	/	/	<=34.77	Pass
		Inner 1RB Left	19.88	/	/	17.16	/	/	<=34.77	Pass
		Inner 1RB Right	19.66	/	/	16.94	/	/	<=34.77	Pass
	690.5	Edge 1RB Left	19.09	/	/	16.37	/	/	<=34.77	Pass
		Edge 1RB Right	19.52	/	/	16.80	/	/	<=34.77	Pass
		Outer Full	19.06	/	/	16.34	/	/	<=34.77	Pass
		Inner Full	19.45	/	/	16.73	/	/	<=34.77	Pass
		Inner 1RB Left	19.52	/	/	16.80	/	/	<=34.77	Pass
		Inner 1RB Right	19.98	/	/	17.26	/	/	<=34.77	Pass
CP-OFDM 64 QAM	670.5	Edge 1RB Left	18.70	/	/	15.98	/	/	<=34.77	Pass

		Edge 1RB Right	19.27	/	/	16.55	/	/	<=34.77	Pass
		Outer Full	18.66	/	/	15.94	/	/	<=34.77	Pass
		Inner Full	19.39	/	/	16.67	/	/	<=34.77	Pass
		Inner 1RB Left	19.82	/	/	17.10	/	/	<=34.77	Pass
		Inner 1RB Right	20.16	/	/	17.44	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.26	/	/	16.54	/	/	<=34.77	Pass
		Edge 1RB Right	19.11	/	/	16.39	/	/	<=34.77	Pass
		Outer Full	18.25	/	/	15.53	/	/	<=34.77	Pass
		Inner Full	18.74	/	/	16.02	/	/	<=34.77	Pass
		Inner 1RB Left	20.04	/	/	17.32	/	/	<=34.77	Pass
	690.5	Inner 1RB Right	19.76	/	/	17.04	/	/	<=34.77	Pass
		Edge 1RB Left	18.79	/	/	16.07	/	/	<=34.77	Pass
		Edge 1RB Right	19.09	/	/	16.37	/	/	<=34.77	Pass
		Outer Full	18.60	/	/	15.88	/	/	<=34.77	Pass
		Inner Full	19.48	/	/	16.76	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Inner 1RB Left	19.57	/	/	16.85	/	/	<=34.77	Pass
		Inner 1RB Right	20.01	/	/	17.29	/	/	<=34.77	Pass
		Edge 1RB Left	16.33	/	/	13.61	/	/	<=34.77	Pass
		Edge 1RB Right	17.00	/	/	14.28	/	/	<=34.77	Pass
		Outer Full	16.32	/	/	13.60	/	/	<=34.77	Pass
	680.5	Inner Full	16.20	/	/	13.48	/	/	<=34.77	Pass
		Inner 1RB Left	16.48	/	/	13.76	/	/	<=34.77	Pass
		Inner 1RB Right	16.81	/	/	14.09	/	/	<=34.77	Pass
		Edge 1RB Left	16.75	/	/	14.03	/	/	<=34.77	Pass
		Edge 1RB Right	16.74	/	/	14.02	/	/	<=34.77	Pass
	690.5	Outer Full	15.89	/	/	13.17	/	/	<=34.77	Pass
		Inner Full	15.66	/	/	12.94	/	/	<=34.77	Pass
		Inner 1RB Left	16.72	/	/	14.00	/	/	<=34.77	Pass
		Inner 1RB Right	16.48	/	/	13.76	/	/	<=34.77	Pass
		Edge 1RB Left	16.28	/	/	13.56	/	/	<=34.77	Pass
	Edge 1RB Right	16.62	/	/	13.90	/	/	<=34.77	Pass	
	Outer Full	16.16	/	/	13.44	/	/	<=34.77	Pass	
	Inner Full	16.17	/	/	13.45	/	/	<=34.77	Pass	
	Inner 1RB Left	16.25	/	/	13.53	/	/	<=34.77	Pass	
	Inner 1RB Right	16.64	/	/	13.92	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant1: -0.57dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.7 30k_SISO_20MHz_NTNV_ERP

5G NR n71 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	673	Edge 1RB Left	21.10	/	/	18.38	/	/	<=34.77	Pass
		Edge 1RB Right	21.03	/	/	18.31	/	/	<=34.77	Pass
		Outer Full	21.16	/	/	18.44	/	/	<=34.77	Pass
		Inner Full	21.44	/	/	18.72	/	/	<=34.77	Pass
		Inner 1RB Left	21.61	/	/	18.89	/	/	<=34.77	Pass
		Inner 1RB Right	21.40	/	/	18.68	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	21.09	/	/	18.37	/	/	<=34.77	Pass
		Edge 1RB Right	21.24	/	/	18.52	/	/	<=34.77	Pass
		Outer Full	20.49	/	/	17.77	/	/	<=34.77	Pass
		Inner Full	20.51	/	/	17.79	/	/	<=34.77	Pass
		Inner 1RB Left	21.64	/	/	18.92	/	/	<=34.77	Pass
		Inner 1RB Right	21.45	/	/	18.73	/	/	<=34.77	Pass
	688	Edge 1RB Left	21.10	/	/	18.38	/	/	<=34.77	Pass
		Edge 1RB Right	20.78	/	/	18.06	/	/	<=34.77	Pass
		Outer Full	20.64	/	/	17.92	/	/	<=34.77	Pass

		Inner Full	20.33	/	/	17.61	/	/	<=34.77	Pass
		Inner 1RB Left	21.35	/	/	18.63	/	/	<=34.77	Pass
		Inner 1RB Right	21.28	/	/	18.56	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Edge 1RB Left	20.39	/	/	17.67	/	/	<=34.77	Pass
		Edge 1RB Right	20.50	/	/	17.78	/	/	<=34.77	Pass
		Outer Full	20.23	/	/	17.51	/	/	<=34.77	Pass
		Inner Full	20.55	/	/	17.83	/	/	<=34.77	Pass
		Inner 1RB Left	21.09	/	/	18.37	/	/	<=34.77	Pass
		Inner 1RB Right	20.70	/	/	17.98	/	/	<=34.77	Pass
		Edge 1RB Left	20.40	/	/	17.68	/	/	<=34.77	Pass
	680.5	Edge 1RB Right	20.59	/	/	17.87	/	/	<=34.77	Pass
		Outer Full	19.66	/	/	16.94	/	/	<=34.77	Pass
		Inner Full	19.77	/	/	17.05	/	/	<=34.77	Pass
		Inner 1RB Left	20.97	/	/	18.25	/	/	<=34.77	Pass
		Inner 1RB Right	20.73	/	/	18.01	/	/	<=34.77	Pass
	688	Edge 1RB Left	20.04	/	/	17.32	/	/	<=34.77	Pass
		Edge 1RB Right	19.70	/	/	16.98	/	/	<=34.77	Pass
		Outer Full	19.33	/	/	16.61	/	/	<=34.77	Pass
		Inner Full	19.38	/	/	16.66	/	/	<=34.77	Pass
		Inner 1RB Left	20.38	/	/	17.66	/	/	<=34.77	Pass
		Inner 1RB Right	20.36	/	/	17.64	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Edge 1RB Left	20.03	/	/	17.31	/	/	<=34.77	Pass
		Edge 1RB Right	20.03	/	/	17.31	/	/	<=34.77	Pass
		Outer Full	19.72	/	/	17.00	/	/	<=34.77	Pass
		Inner Full	19.63	/	/	16.91	/	/	<=34.77	Pass
		Inner 1RB Left	20.16	/	/	17.44	/	/	<=34.77	Pass
		Inner 1RB Right	19.86	/	/	17.14	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.99	/	/	17.27	/	/	<=34.77	Pass
		Edge 1RB Right	20.04	/	/	17.32	/	/	<=34.77	Pass
		Outer Full	19.21	/	/	16.49	/	/	<=34.77	Pass
		Inner Full	18.77	/	/	16.05	/	/	<=34.77	Pass
		Inner 1RB Left	19.93	/	/	17.21	/	/	<=34.77	Pass
	688	Inner 1RB Right	19.74	/	/	17.02	/	/	<=34.77	Pass
		Edge 1RB Left	19.63	/	/	16.91	/	/	<=34.77	Pass
		Edge 1RB Right	19.29	/	/	16.57	/	/	<=34.77	Pass
		Outer Full	18.86	/	/	16.14	/	/	<=34.77	Pass
		Inner Full	18.53	/	/	15.81	/	/	<=34.77	Pass
		Inner 1RB Left	19.55	/	/	16.83	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Inner 1RB Right	19.47	/	/	16.75	/	/	<=34.77	Pass
		Edge 1RB Left	18.51	/	/	15.79	/	/	<=34.77	Pass
		Edge 1RB Right	18.69	/	/	15.97	/	/	<=34.77	Pass
		Outer Full	18.37	/	/	15.65	/	/	<=34.77	Pass
		Inner Full	18.20	/	/	15.48	/	/	<=34.77	Pass
		Inner 1RB Left	18.68	/	/	15.96	/	/	<=34.77	Pass
	680.5	Inner 1RB Right	18.43	/	/	15.71	/	/	<=34.77	Pass
		Edge 1RB Left	18.48	/	/	15.76	/	/	<=34.77	Pass
		Edge 1RB Right	18.71	/	/	15.99	/	/	<=34.77	Pass
		Outer Full	17.85	/	/	15.13	/	/	<=34.77	Pass
		Inner Full	17.54	/	/	14.82	/	/	<=34.77	Pass
		Inner 1RB Left	18.54	/	/	15.82	/	/	<=34.77	Pass
	688	Inner 1RB Right	18.47	/	/	15.75	/	/	<=34.77	Pass
		Edge 1RB Left	18.15	/	/	15.43	/	/	<=34.77	Pass
		Edge 1RB Right	17.75	/	/	15.03	/	/	<=34.77	Pass
		Outer Full	17.50	/	/	14.78	/	/	<=34.77	Pass
		Inner Full	17.12	/	/	14.40	/	/	<=34.77	Pass
		Inner 1RB Left	18.09	/	/	15.37	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Inner 1RB Right	17.96	/	/	15.24	/	/	<=34.77	Pass
		Edge 1RB Left	19.93	/	/	17.21	/	/	<=34.77	Pass
		Edge 1RB Right	20.14	/	/	17.42	/	/	<=34.77	Pass

		Outer Full	19.91	/	/	17.19	/	/	<=34.77	Pass
		Inner Full	20.16	/	/	17.44	/	/	<=34.77	Pass
		Inner 1RB Left	20.60	/	/	17.88	/	/	<=34.77	Pass
		Inner 1RB Right	20.40	/	/	17.68	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	20.44	/	/	17.72	/	/	<=34.77	Pass
		Edge 1RB Right	20.39	/	/	17.67	/	/	<=34.77	Pass
		Outer Full	19.27	/	/	16.55	/	/	<=34.77	Pass
		Inner Full	19.89	/	/	17.17	/	/	<=34.77	Pass
	688	Inner 1RB Left	20.69	/	/	17.97	/	/	<=34.77	Pass
		Inner 1RB Right	20.53	/	/	17.81	/	/	<=34.77	Pass
		Edge 1RB Left	19.54	/	/	16.82	/	/	<=34.77	Pass
		Edge 1RB Right	19.22	/	/	16.50	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Outer Full	19.07	/	/	16.35	/	/	<=34.77	Pass
		Inner Full	19.06	/	/	16.34	/	/	<=34.77	Pass
		Inner 1RB Left	20.01	/	/	17.29	/	/	<=34.77	Pass
		Inner 1RB Right	19.87	/	/	17.15	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.62	/	/	16.90	/	/	<=34.77	Pass
		Edge 1RB Right	19.85	/	/	17.13	/	/	<=34.77	Pass
		Outer Full	19.40	/	/	16.68	/	/	<=34.77	Pass
		Inner Full	19.68	/	/	16.96	/	/	<=34.77	Pass
	688	Inner 1RB Left	20.26	/	/	17.54	/	/	<=34.77	Pass
		Inner 1RB Right	20.03	/	/	17.31	/	/	<=34.77	Pass
		Edge 1RB Left	19.64	/	/	16.92	/	/	<=34.77	Pass
		Edge 1RB Right	19.64	/	/	16.92	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Outer Full	19.30	/	/	16.58	/	/	<=34.77	Pass
		Inner Full	19.29	/	/	16.57	/	/	<=34.77	Pass
		Inner 1RB Left	20.14	/	/	17.42	/	/	<=34.77	Pass
		Inner 1RB Right	19.99	/	/	17.27	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.28	/	/	16.56	/	/	<=34.77	Pass
		Edge 1RB Right	18.89	/	/	16.17	/	/	<=34.77	Pass
		Outer Full	18.55	/	/	15.83	/	/	<=34.77	Pass
		Inner Full	18.57	/	/	15.85	/	/	<=34.77	Pass
	688	Inner 1RB Left	19.68	/	/	16.96	/	/	<=34.77	Pass
		Inner 1RB Right	19.52	/	/	16.80	/	/	<=34.77	Pass
		Edge 1RB Left	19.36	/	/	16.64	/	/	<=34.77	Pass
		Edge 1RB Right	19.38	/	/	16.66	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Outer Full	18.98	/	/	16.26	/	/	<=34.77	Pass
		Inner Full	19.73	/	/	17.01	/	/	<=34.77	Pass
		Inner 1RB Left	20.42	/	/	17.70	/	/	<=34.77	Pass
		Inner 1RB Right	20.21	/	/	17.49	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	19.08	/	/	16.36	/	/	<=34.77	Pass
		Edge 1RB Right	19.14	/	/	16.42	/	/	<=34.77	Pass
		Outer Full	18.52	/	/	15.80	/	/	<=34.77	Pass
		Inner Full	19.21	/	/	16.49	/	/	<=34.77	Pass
	688	Inner 1RB Left	20.13	/	/	17.41	/	/	<=34.77	Pass
		Inner 1RB Right	20.01	/	/	17.29	/	/	<=34.77	Pass
		Edge 1RB Left	18.90	/	/	16.18	/	/	<=34.77	Pass
		Edge 1RB Right	18.53	/	/	15.81	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Outer Full	18.05	/	/	15.33	/	/	<=34.77	Pass
		Inner Full	18.61	/	/	15.89	/	/	<=34.77	Pass
		Inner 1RB Left	19.84	/	/	17.12	/	/	<=34.77	Pass
		Inner 1RB Right	19.69	/	/	16.97	/	/	<=34.77	Pass
	680.5	Edge 1RB Left	16.87	/	/	14.15	/	/	<=34.77	Pass
		Edge 1RB Right	17.14	/	/	14.42	/	/	<=34.77	Pass
		Outer Full	16.65	/	/	13.93	/	/	<=34.77	Pass
		Inner Full	16.45	/	/	13.73	/	/	<=34.77	Pass
		Inner 1RB Left	17.03	/	/	14.31	/	/	<=34.77	Pass
		Inner 1RB Right	16.92	/	/	14.20	/	/	<=34.77	Pass
		Edge 1RB Left	16.61	/	/	13.89	/	/	<=34.77	Pass

		Edge_1RB_Right	16.62	/	/	13.90	/	/	<=34.77	Pass
		Outer_Full	16.10	/	/	13.38	/	/	<=34.77	Pass
		Inner_Full	15.89	/	/	13.17	/	/	<=34.77	Pass
		Inner_1RB_Left	16.61	/	/	13.89	/	/	<=34.77	Pass
		Inner_1RB_Right	16.48	/	/	13.76	/	/	<=34.77	Pass
	688	Edge_1RB_Left	16.55	/	/	13.83	/	/	<=34.77	Pass
		Edge_1RB_Right	16.11	/	/	13.39	/	/	<=34.77	Pass
		Outer_Full	15.81	/	/	13.09	/	/	<=34.77	Pass
		Inner_Full	15.44	/	/	12.72	/	/	<=34.77	Pass
		Inner_1RB_Left	16.52	/	/	13.80	/	/	<=34.77	Pass
		Inner_1RB_Right	16.32	/	/	13.60	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -0.57dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n71 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	3.10	0.0046	>=-2.5 & <=2.5	Pass
				HV	-1.40	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-0.70	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	1.20	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	1.00	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	2.20	0.0032	>=-2.5 & <=2.5	Pass
			30	NV	0.90	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	1.00	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	1.70	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	20	LV	1.80	0.0026	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	1.50	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-1.00	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-1.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	1.60	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-1.20	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	0.80	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	20	LV	-2.40	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-0.50	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-1.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	1.20	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0035	>=-2.5 & <=2.5	Pass
			0	NV	0.80	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	0.90	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-1.50	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	0.60	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-1.00	-0.0015	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	680.5	Outer_Full	20	LV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	2.20	0.0032	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	680.5	Outer_Full	20	LV	-1.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	20	LV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	20	LV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-0.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-0.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.70	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	20	LV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.80	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n71 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	1.90	0.0028	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-0.10	-0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	2.30	0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-0.40	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.30	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	20	LV	-0.70	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-1.40	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-0.90	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	20	LV	-1.00	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-1.40	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-1.00	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	20	LV	-1.70	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-0.90	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	0.70	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	1.00	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	1.00	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	0.70	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	680.5	Outer_Full	20	LV	-2.50	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-1.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-1.50	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0046	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	20	NV	-1.80	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	20	LV	-1.60	-0.0024	>=-2.5 & <=2.5	Pass

				HV	-1.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-0.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.60	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.70	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	20	LV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.10	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	20	LV	-0.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-0.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.60	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-0.20	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.00	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-0.80	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				NV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.3 15k_SISO_15MHz

5G NR n71 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-0.80	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	0.20	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.20	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	1.20	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.50	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	50	NV	2.40	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				NV	2.40	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	1.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.80	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.40	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-0.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-0.30	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				NV	-0.30	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.00	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	20	LV	-2.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.20	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	0.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-0.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			DFT-s-OFDM 256 QAM	680.5	Outer_Full	20	LV	-1.40
HV	-2.00	-0.0029					≥ -2.5 & ≤ 2.5	Pass
-30	NV	-1.50				-0.0022	≥ -2.5 & ≤ 2.5	Pass
-20	NV	-2.10				-0.0031	≥ -2.5 & ≤ 2.5	Pass
-10	NV	-2.00				-0.0029	≥ -2.5 & ≤ 2.5	Pass
0	NV	-1.80				-0.0026	≥ -2.5 & ≤ 2.5	Pass
10	NV	2.10				0.0031	≥ -2.5 & ≤ 2.5	Pass
20	NV	2.00				0.0029	≥ -2.5 & ≤ 2.5	Pass
30	NV	-1.10				-0.0016	≥ -2.5 & ≤ 2.5	Pass
40	NV	2.00				0.0029	≥ -2.5 & ≤ 2.5	Pass
50	NV	1.30	0.0019	≥ -2.5 & ≤ 2.5	Pass			
CP-OFDM QPSK	680.5	Outer_Full	20	LV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
50	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass			
CP-OFDM 16 QAM	680.5	Outer_Full	20	LV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-0.10	-0.0001	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
50	NV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass			
CP-OFDM 64 QAM	680.5	Outer_Full	20	LV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.70	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
50	NV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass			
CP-OFDM 256 QAM	680.5	Outer_Full	20	LV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass

				HV	-2.90	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-0.80	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-1.00	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-1.50	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-1.20	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-1.20	-0.0018	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n71 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	0.90	0.0013	>=-2.5 & <=2.5	Pass
				HV	-1.40	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-0.50	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-0.30	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-1.60	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	0.50	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	20	LV	-1.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-0.80	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	2.60	0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	1.80	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-1.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-0.70	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	20	LV	1.00	0.0015	>=-2.5 & <=2.5	Pass
				HV	-0.60	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-1.00	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	1.10	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	1.50	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-2.40	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	20	LV	-1.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-2.30	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	1.80	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	0.40	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.20	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-0.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0010	>=-2.5 & <=2.5	Pass

			30	NV	-1.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.60	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-0.80	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	680.5	Outer_Full	20	LV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.00	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.70	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-0.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	20	LV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.10	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	20	LV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.20	-0.0047	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.70	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.20	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	1.00	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.60	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	20	LV	-1.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.90	-0.0043	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.50	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.5 30k_SISO_10MHz

5G NR n71 SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	1.70	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.90	0.0057	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.00	0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-1.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-0.80	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	0.80	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.70	0.0040	≥ -2.5 & ≤ 2.5	Pass
			50	NV	0.80	0.0012	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	20	LV	3.40	0.0050	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.70	0.0069	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.40	0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.70	0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.10	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.60	0.0053	≥ -2.5 & ≤ 2.5	Pass
			40	NV	0.30	0.0004	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	20	LV	5.70	0.0084	≥ -2.5 & ≤ 2.5	Pass
				HV	3.10	0.0046	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.60	0.0082	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.00	0.0073	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.70	0.0054	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.40	0.0065	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.70	0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.30	0.0048	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.20	0.0076	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.30	0.0048	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	20	LV	-5.10	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.90	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.70	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.60	0.0053	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.20	0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.60	0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.70	0.0054	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	680.5	Outer_Full	20	LV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.90	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.60	0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-0.80	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	20	LV	-1.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	1.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.50	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.80	0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.80	-0.0012	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.90	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	20	LV	2.90	0.0043	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.20	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.70	0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.80	0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.40	0.0050	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.70	0.0054	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.50	0.0066	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.40	0.0050	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.00	0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.10	0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.90	0.0057	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	20	LV	-2.70	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.20	-0.0047	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.70	-0.0054	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.20	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.00	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.60	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.40	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.40	-0.0065	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.30	-0.0048	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.6 30k_SISO_15MHz

5G NR n71 SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	-0.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.40	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.50	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.30	-0.0063	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.30	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.10	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	20	LV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.30	0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-0.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.50	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.80	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.60	-0.0068	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.30	0.0063	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.70	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	20	LV	-4.00	-0.0059	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.50	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.40	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.50	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-3.80	-0.0056	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.10	0.0060	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	20	LV	2.40	0.0035	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.20	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.20	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.90	0.0043	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0050	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	680.5	Outer_Full	50	NV	-1.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.90	-0.0043	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-0.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.80	0.0041	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.80	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.00	-0.0044	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	40	NV	-2.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.20	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.60	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	30	NV	-1.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.60	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.30	0.0034	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	0.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-0.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	20	NV	-2.90	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-0.80	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-0.80	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-0.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	0.90	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-3.20	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0037	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_20MHz

5G NR n71 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	20	LV	-3.70	-0.0054	>=-2.5 & <=2.5	Pass
				HV	-1.60	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	1.30	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-1.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0081	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0056	>=-2.5 & <=2.5	Pass
			20	NV	1.80	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	0.40	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	20	LV	-3.10	-0.0046	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	3.30	0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	1.80	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	2.20	0.0032	>=-2.5 & <=2.5	Pass
			10	NV	2.60	0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	0.90	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	20	LV	-4.40	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-1.70	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-1.20	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	2.80	0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	3.30	0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0059	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	20	LV	2.10	0.0031	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0081	>=-2.5 & <=2.5	Pass
			-30	NV	1.70	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0059	>=-2.5 & <=2.5	Pass
			10	NV	1.50	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	3.00	0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	3.20	0.0047	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	680.5	Outer_Full	20	NV	-2.30	-0.0034	>=-2.5 & <=2.5	Pass
				LV	-3.50	-0.0051	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0040	>=-2.5 & <=2.5	Pass

			-10	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.30	-0.0048	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.10	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	680.5	Outer_Full	20	LV	-3.70	-0.0054	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.20	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.50	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	0.80	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	1.60	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.80	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.40	-0.0050	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.00	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	50	NV	-2.80	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-3.20	-0.0047	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.50	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.90	-0.0057	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.50	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.50	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.90	-0.0043	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.80	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	40	NV	-3.40	-0.0050	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.90	-0.0043	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-1.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	0.80	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.20	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.20	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	0.50	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.00	-0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.80	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_20MHz_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	680.5	Outer_Full	Refer To Test Graph				Pass

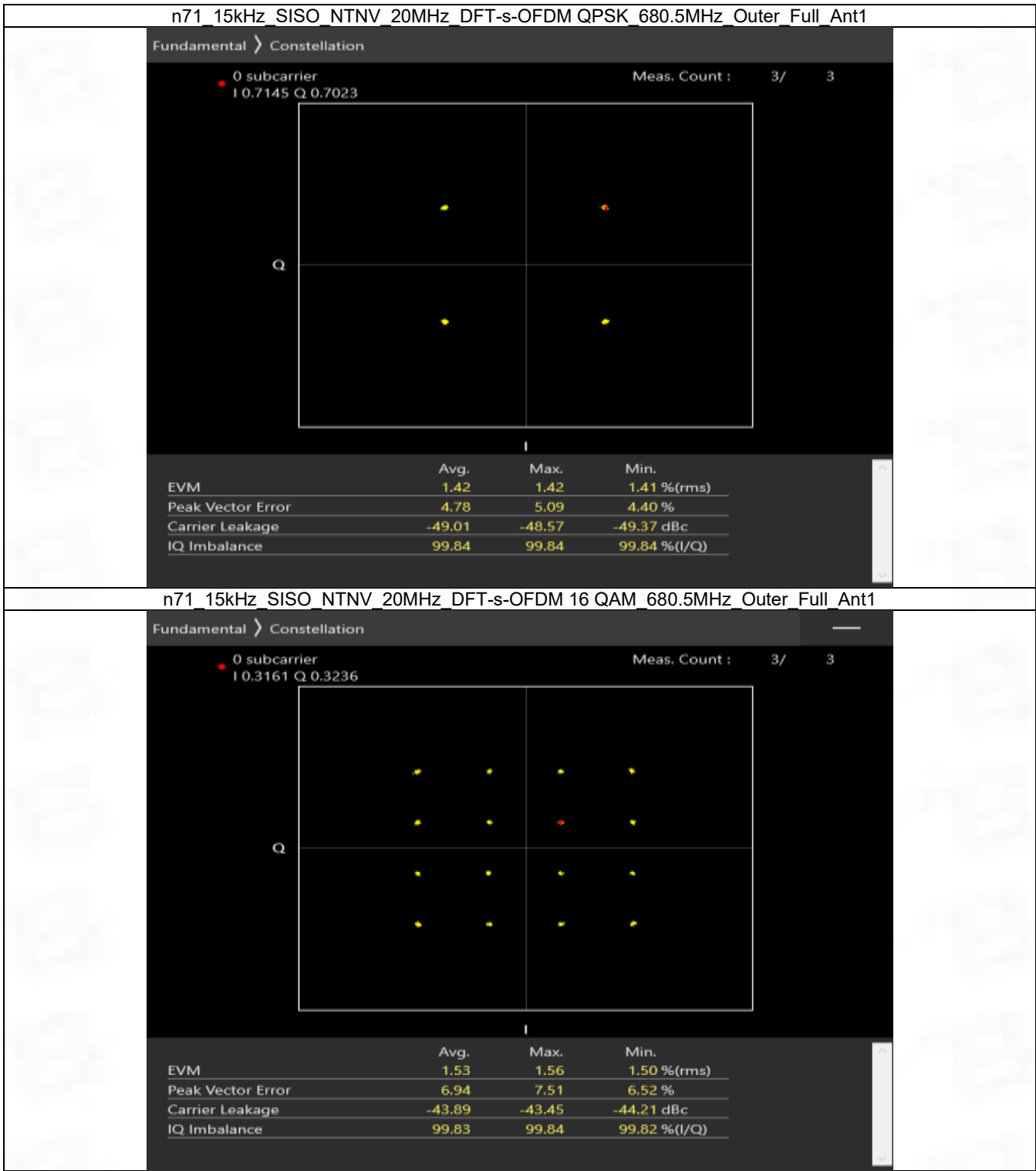
CP-OFDM 16 QAM	680.5	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 64 QAM	680.5	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 256 QAM	680.5	Outer_Full	Refer To Test Graph	Pass

3.1.2 30k_SISO_20MHz_NTNV

5G NR n71 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	680.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	680.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	680.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	680.5	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

3.2.1 15k_SISO_20MHz_NTNV

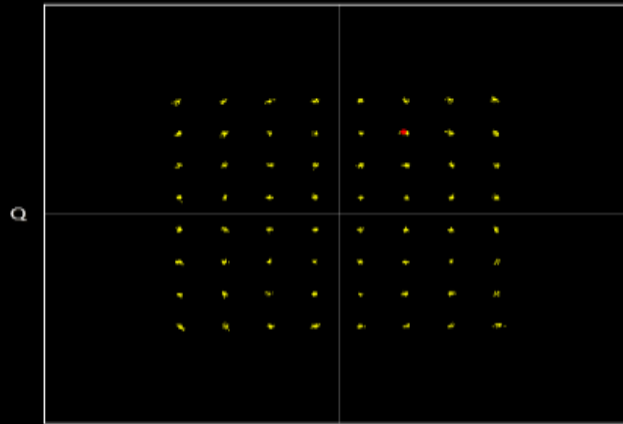


n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4487 Q 0.7841

Meas. Count : 3/ 3



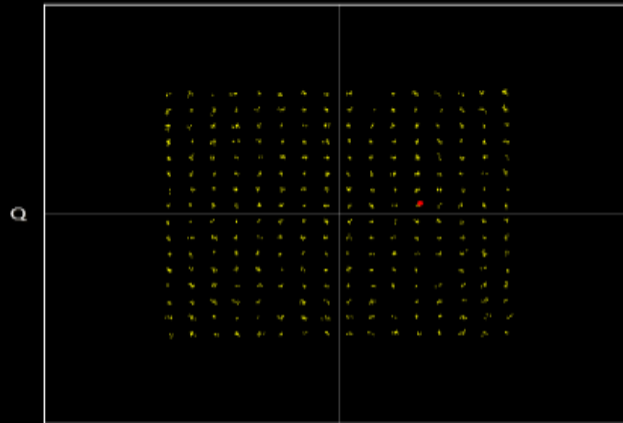
	Avg.	Max.	Min.
EVM	1.53	1.54	1.51 %(rms)
Peak Vector Error	6.30	6.46	5.98 %
Carrier Leakage	-47.85	-47.50	-48.12 dBc
IQ Imbalance	99.88	99.89	99.87 %(I/Q)

n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5559 Q 0.0953

Meas. Count : 3/ 3



	Avg.	Max.	Min.
EVM	1.50	1.51	1.48 %(rms)
Peak Vector Error	7.02	7.57	6.66 %
Carrier Leakage	-43.49	-42.91	-43.95 dBc
IQ Imbalance	99.88	99.89	99.87 %(I/Q)

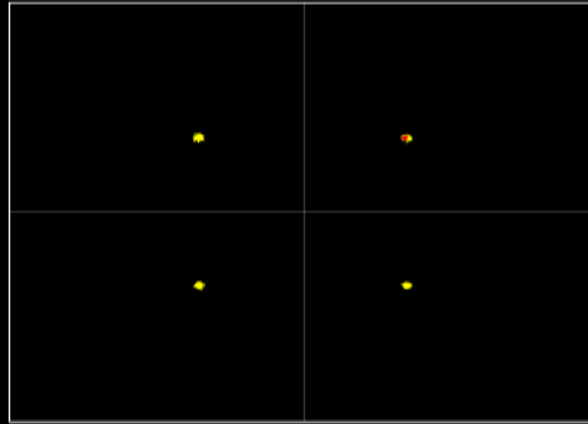
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.6962 Q 0.7100

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	1.62	1.63	1.61 %(rms)
Peak Vector Error	5.55	5.88	5.35 %
Carrier Leakage	-52.65	-52.43	-52.92 dBc
IQ Imbalance	99.85	99.85	99.84 %(I/Q)

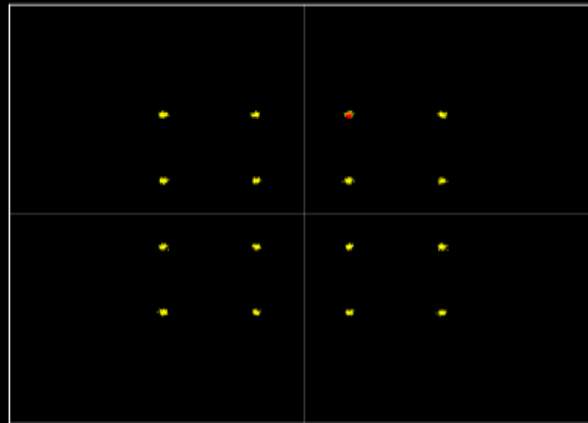
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.3108 Q 0.9383

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	1.62	1.64	1.61 %(rms)
Peak Vector Error	5.39	5.80	5.03 %
Carrier Leakage	-54.49	-53.94	-55.62 dBc
IQ Imbalance	99.88	99.89	99.86 %(I/Q)

n71 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4411 Q 0.4479

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.60	1.63	1.58 %(rms)
Peak Vector Error	5.22	5.35	5.00 %
Carrier Leakage	-57.21	-56.46	-57.77 dBc
IQ Imbalance	99.90	99.91	99.88 %(I/Q)

n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5343 Q 0.3890

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.47	1.48	1.46 %(rms)
Peak Vector Error	6.09	7.11	4.85 %
Carrier Leakage	-58.03	-56.04	-60.76 dBc
IQ Imbalance	99.93	99.94	99.92 %(I/Q)

3.2.2 30k_SISO_20MHz_NTNV



n71 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4526 Q 0.4484

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.52	1.54	1.51 %(rms)
Peak Vector Error	6.08	6.73	5.21 %
Carrier Leakage	-44.21	-44.01	-44.60 dBc
IQ Imbalance	99.92	99.96	99.89 %(I/Q)

n71 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5467 Q 0.5280

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.52	1.55	1.50 %(rms)
Peak Vector Error	6.90	7.97	5.98 %
Carrier Leakage	-51.34	-50.32	-52.33 dBc
IQ Imbalance	99.98	100.01	99.97 %(I/Q)

n71 30kHz SISO NTN 20MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.7160 Q 0.7155

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.66	1.70	1.63 %(rms)
Peak Vector Error	5.03	5.31	4.88 %
Carrier Leakage	-49.91	-49.06	-51.33 dBc
IQ Imbalance	100.05	100.09	100.02 %(I/Q)

n71 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.3066 Q 0.3365

Meas. Count : 3/ 3

Q

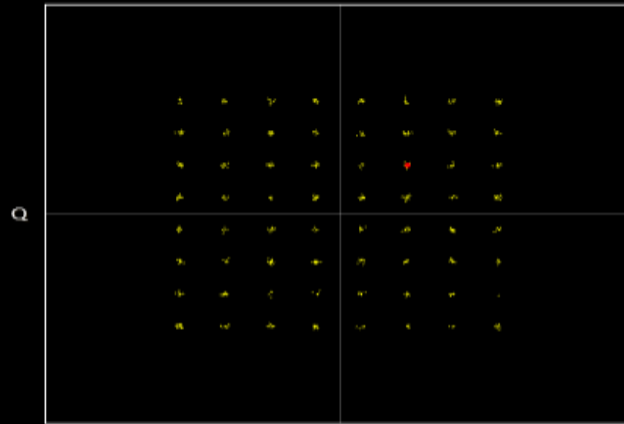
	Avg.	Max.	Min.
EVM	1.85	1.87	1.83 %(rms)
Peak Vector Error	5.74	5.83	5.62 %
Carrier Leakage	-46.44	-45.97	-46.91 dBc
IQ Imbalance	100.02	100.04	99.99 %(I/Q)

n71 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4658 Q 0.4669

Meas. Count : 3/ 3



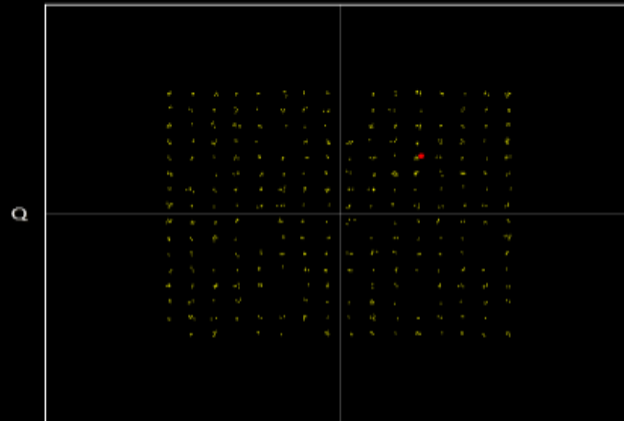
	Avg.	Max.	Min.
EVM	1.83	1.83	1.82 %(rms)
Peak Vector Error	5.62	5.71	5.47 %
Carrier Leakage	-50.05	-49.80	-50.32 dBc
IQ Imbalance	100.02	100.03	100.01 %(I/Q)

n71 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5554 Q 0.5476

Meas. Count : 3/ 3



	Avg.	Max.	Min.
EVM	1.61	1.62	1.60 %(rms)
Peak Vector Error	4.73	4.81	4.60 %
Carrier Leakage	-47.96	-47.68	-48.13 dBc
IQ Imbalance	100.02	100.03	100.01 %(I/Q)

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	665.5	Outer_Full	4.57	5.06	/	Pass
	680.5	Outer_Full	4.57	5.03	/	Pass
	695.5	Outer_Full	4.61	5.09	/	Pass
DFT-s-OFDM 16 QAM	665.5	Outer_Full	4.55	5.05	/	Pass
	680.5	Outer_Full	4.56	5.07	/	Pass
	695.5	Outer_Full	4.57	5.04	/	Pass
DFT-s-OFDM 64 QAM	665.5	Outer_Full	4.58	5.06	/	Pass
	680.5	Outer_Full	4.58	5.06	/	Pass
	695.5	Outer_Full	4.60	5.05	/	Pass
DFT-s-OFDM 256 QAM	665.5	Outer_Full	4.55	5.05	/	Pass
	680.5	Outer_Full	4.57	5.05	/	Pass
	695.5	Outer_Full	4.56	5.06	/	Pass
CP-OFDM QPSK	665.5	Outer_Full	4.53	5.03	/	Pass
	680.5	Outer_Full	4.55	5.04	/	Pass
	695.5	Outer_Full	4.54	5.01	/	Pass
CP-OFDM 16 QAM	665.5	Outer_Full	4.54	5.04	/	Pass
	680.5	Outer_Full	4.55	5.05	/	Pass
	695.5	Outer_Full	4.54	5.03	/	Pass
CP-OFDM 64 QAM	665.5	Outer_Full	4.52	5.04	/	Pass
	680.5	Outer_Full	4.56	5.04	/	Pass
	695.5	Outer_Full	4.55	5.05	/	Pass
CP-OFDM 256 QAM	665.5	Outer_Full	4.53	5.04	/	Pass
	680.5	Outer_Full	4.54	5.04	/	Pass
	695.5	Outer_Full	4.54	5.03	/	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n71 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	668	Outer_Full	9.07	9.94	/	Pass
	680.5	Outer_Full	9.08	9.91	/	Pass
	693	Outer_Full	9.04	9.90	/	Pass
DFT-s-OFDM 16 QAM	668	Outer_Full	9.04	9.95	/	Pass
	680.5	Outer_Full	9.07	9.95	/	Pass
	693	Outer_Full	9.03	9.94	/	Pass
DFT-s-OFDM 64 QAM	668	Outer_Full	9.08	9.93	/	Pass
	680.5	Outer_Full	9.09	9.99	/	Pass
	693	Outer_Full	9.06	9.94	/	Pass
DFT-s-OFDM 256 QAM	668	Outer_Full	9.03	9.92	/	Pass
	680.5	Outer_Full	9.04	9.94	/	Pass
	693	Outer_Full	9.02	9.92	/	Pass
CP-OFDM QPSK	668	Outer_Full	9.37	10.19	/	Pass
	680.5	Outer_Full	9.39	10.17	/	Pass
	693	Outer_Full	9.35	10.14	/	Pass

CP-OFDM 16 QAM	668	Outer_Full	9.37	10.20	/	Pass
	680.5	Outer_Full	9.39	10.19	/	Pass
	693	Outer_Full	9.36	10.13	/	Pass
CP-OFDM 64 QAM	668	Outer_Full	9.40	10.19	/	Pass
	680.5	Outer_Full	9.40	10.14	/	Pass
	693	Outer_Full	9.39	10.16	/	Pass
CP-OFDM 256 QAM	668	Outer_Full	9.40	10.17	/	Pass
	680.5	Outer_Full	9.41	10.16	/	Pass
	693	Outer_Full	9.38	10.17	/	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n71 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	670.5	Outer_Full	13.59	14.83	/	Pass
	680.5	Outer_Full	13.62	14.76	/	Pass
	690.5	Outer_Full	13.60	14.82	/	Pass
DFT-s-OFDM 16 QAM	670.5	Outer_Full	13.62	14.98	/	Pass
	680.5	Outer_Full	13.62	14.91	/	Pass
	690.5	Outer_Full	13.60	14.84	/	Pass
DFT-s-OFDM 64 QAM	670.5	Outer_Full	13.55	14.80	/	Pass
	680.5	Outer_Full	13.63	14.76	/	Pass
	690.5	Outer_Full	13.59	14.84	/	Pass
DFT-s-OFDM 256 QAM	670.5	Outer_Full	13.59	14.86	/	Pass
	680.5	Outer_Full	13.68	15.02	/	Pass
	690.5	Outer_Full	13.62	14.90	/	Pass
CP-OFDM QPSK	670.5	Outer_Full	14.23	15.31	/	Pass
	680.5	Outer_Full	14.26	15.45	/	Pass
	690.5	Outer_Full	14.21	15.36	/	Pass
CP-OFDM 16 QAM	670.5	Outer_Full	14.27	15.36	/	Pass
	680.5	Outer_Full	14.32	15.36	/	Pass
	690.5	Outer_Full	14.26	15.43	/	Pass
CP-OFDM 64 QAM	670.5	Outer_Full	14.27	15.37	/	Pass
	680.5	Outer_Full	14.31	15.51	/	Pass
	690.5	Outer_Full	14.28	15.39	/	Pass
CP-OFDM 256 QAM	670.5	Outer_Full	14.26	15.30	/	Pass
	680.5	Outer_Full	14.34	15.46	/	Pass
	690.5	Outer_Full	14.26	15.33	/	Pass

4.1.4 15k_SISO_20MHz_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	673	Outer_Full	18.07	19.57	/	Pass
	680.5	Outer_Full	18.14	19.62	/	Pass
	688	Outer_Full	18.11	19.52	/	Pass
DFT-s-OFDM 16 QAM	673	Outer_Full	18.09	19.58	/	Pass
	680.5	Outer_Full	18.14	19.64	/	Pass
	688	Outer_Full	18.12	19.64	/	Pass
DFT-s-OFDM 64 QAM	673	Outer_Full	18.11	19.53	/	Pass
	680.5	Outer_Full	18.15	19.56	/	Pass
	688	Outer_Full	18.15	19.57	/	Pass
DFT-s-OFDM 256 QAM	673	Outer_Full	18.06	19.61	/	Pass
	680.5	Outer_Full	18.14	19.62	/	Pass

CP-OFDM QPSK	688	Outer_Full	18.11	19.61	/	Pass
	673	Outer_Full	19.09	20.51	/	Pass
	680.5	Outer_Full	19.15	20.47	/	Pass
	688	Outer_Full	19.10	20.46	/	Pass
CP-OFDM 16 QAM	673	Outer_Full	19.07	20.48	/	Pass
	680.5	Outer_Full	19.17	20.53	/	Pass
	688	Outer_Full	19.10	20.49	/	Pass
CP-OFDM 64 QAM	673	Outer_Full	19.16	20.56	/	Pass
	680.5	Outer_Full	19.17	20.52	/	Pass
	688	Outer_Full	19.13	20.49	/	Pass
CP-OFDM 256 QAM	673	Outer_Full	19.08	20.46	/	Pass
	680.5	Outer_Full	19.18	20.50	/	Pass
	688	Outer_Full	19.09	20.53	/	Pass

4.1.5 30k_SISO_10MHz_NTNV

5G NR n71 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	668	Outer_Full	8.77	9.92	/	Pass
	680.5	Outer_Full	8.83	9.97	/	Pass
	693	Outer_Full	8.76	9.94	/	Pass
DFT-s-OFDM 16 QAM	668	Outer_Full	8.80	9.95	/	Pass
	680.5	Outer_Full	8.83	10.00	/	Pass
	693	Outer_Full	8.79	9.94	/	Pass
DFT-s-OFDM 64 QAM	668	Outer_Full	8.75	9.95	/	Pass
	680.5	Outer_Full	8.77	9.96	/	Pass
	693	Outer_Full	8.73	9.95	/	Pass
DFT-s-OFDM 256 QAM	668	Outer_Full	8.68	9.86	/	Pass
	680.5	Outer_Full	8.70	9.89	/	Pass
	693	Outer_Full	8.68	9.88	/	Pass
CP-OFDM QPSK	668	Outer_Full	8.74	9.96	/	Pass
	680.5	Outer_Full	8.80	10.04	/	Pass
	693	Outer_Full	8.76	9.99	/	Pass
CP-OFDM 16 QAM	668	Outer_Full	8.73	9.94	/	Pass
	680.5	Outer_Full	8.75	11.42	/	Pass
	693	Outer_Full	8.74	9.95	/	Pass
CP-OFDM 64 QAM	668	Outer_Full	8.74	9.97	/	Pass
	680.5	Outer_Full	8.78	9.91	/	Pass
	693	Outer_Full	8.73	9.95	/	Pass
CP-OFDM 256 QAM	668	Outer_Full	8.78	9.94	/	Pass
	680.5	Outer_Full	8.80	9.86	/	Pass
	693	Outer_Full	8.76	9.88	/	Pass

4.1.6 30k_SISO_15MHz_NTNV

5G NR n71 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	670.5	Outer_Full	13.13	14.82	/	Pass
	680.5	Outer_Full	13.17	14.72	/	Pass
	690.5	Outer_Full	13.20	14.81	/	Pass
DFT-s-OFDM 16 QAM	670.5	Outer_Full	13.07	14.66	/	Pass
	680.5	Outer_Full	13.13	14.88	/	Pass
	690.5	Outer_Full	13.09	14.88	/	Pass
DFT-s-OFDM 64 QAM	670.5	Outer_Full	13.15	14.69	/	Pass

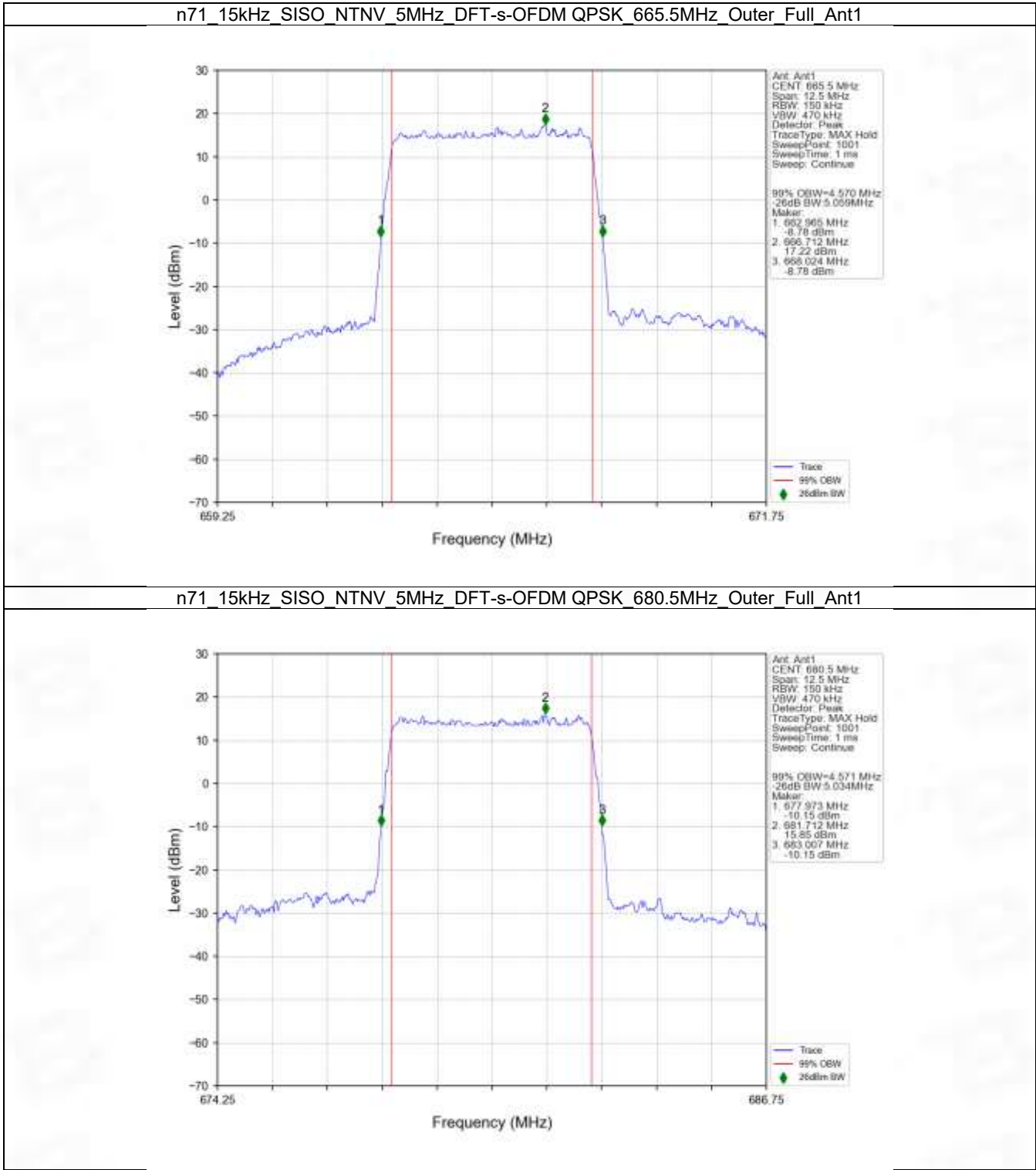
	680.5	Outer_Full	13.30	14.97	/	Pass
	690.5	Outer_Full	13.20	14.85	/	Pass
DFT-s-OFDM 256 QAM	670.5	Outer_Full	13.05	14.58	/	Pass
	680.5	Outer_Full	13.10	14.76	/	Pass
	690.5	Outer_Full	13.07	14.77	/	Pass
CP-OFDM QPSK	670.5	Outer_Full	13.71	15.21	/	Pass
	680.5	Outer_Full	13.76	15.22	/	Pass
	690.5	Outer_Full	13.71	15.12	/	Pass
CP-OFDM 16 QAM	670.5	Outer_Full	13.78	15.14	/	Pass
	680.5	Outer_Full	13.87	15.33	/	Pass
	690.5	Outer_Full	13.76	15.23	/	Pass
CP-OFDM 64 QAM	670.5	Outer_Full	13.79	15.23	/	Pass
	680.5	Outer_Full	13.91	15.25	/	Pass
	690.5	Outer_Full	13.83	15.25	/	Pass
CP-OFDM 256 QAM	670.5	Outer_Full	13.74	15.14	/	Pass
	680.5	Outer_Full	13.83	15.18	/	Pass
	690.5	Outer_Full	13.80	15.19	/	Pass

4.1.7 30k_SISO_20MHz_NTNV

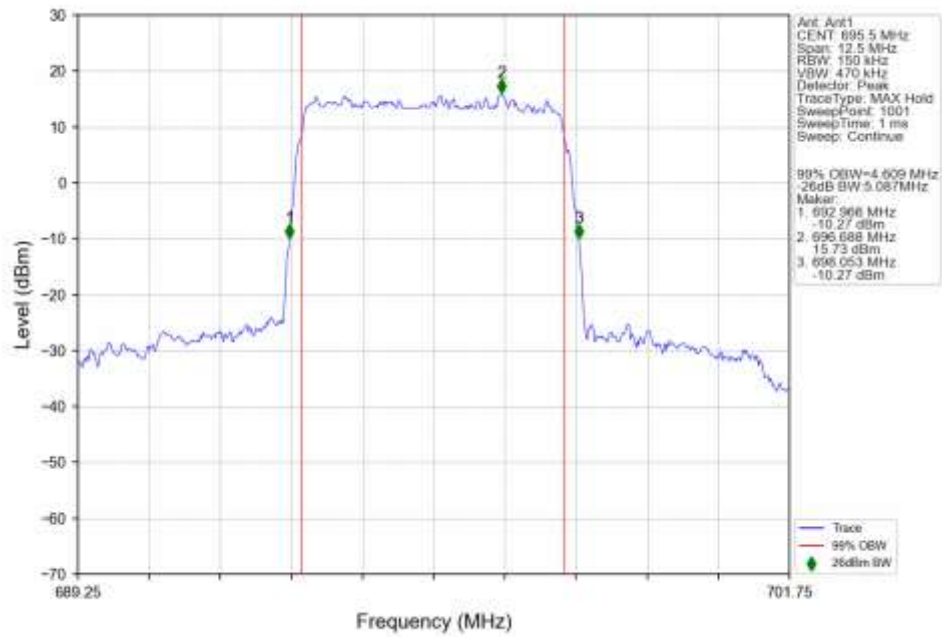
5G NR n71 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	673	Outer_Full	18.13	19.89	/	Pass
	680.5	Outer_Full	18.15	19.83	/	Pass
	688	Outer_Full	18.14	19.90	/	Pass
DFT-s-OFDM 16 QAM	673	Outer_Full	18.13	19.92	/	Pass
	680.5	Outer_Full	18.13	19.88	/	Pass
	688	Outer_Full	18.15	19.94	/	Pass
DFT-s-OFDM 64 QAM	673	Outer_Full	18.16	19.86	/	Pass
	680.5	Outer_Full	18.20	19.88	/	Pass
	688	Outer_Full	18.19	19.86	/	Pass
DFT-s-OFDM 256 QAM	673	Outer_Full	18.06	19.81	/	Pass
	680.5	Outer_Full	18.18	20.02	/	Pass
	688	Outer_Full	18.08	19.84	/	Pass
CP-OFDM QPSK	673	Outer_Full	18.38	20.07	/	Pass
	680.5	Outer_Full	18.45	20.11	/	Pass
	688	Outer_Full	18.39	20.06	/	Pass
CP-OFDM 16 QAM	673	Outer_Full	18.49	20.10	/	Pass
	680.5	Outer_Full	18.48	20.25	/	Pass
	688	Outer_Full	18.48	20.27	/	Pass
CP-OFDM 64 QAM	673	Outer_Full	18.45	20.16	/	Pass
	680.5	Outer_Full	18.52	20.16	/	Pass
	688	Outer_Full	18.50	20.22	/	Pass
CP-OFDM 256 QAM	673	Outer_Full	18.43	20.12	/	Pass
	680.5	Outer_Full	18.47	20.18	/	Pass
	688	Outer_Full	18.45	20.15	/	Pass

4.2 Test Graph

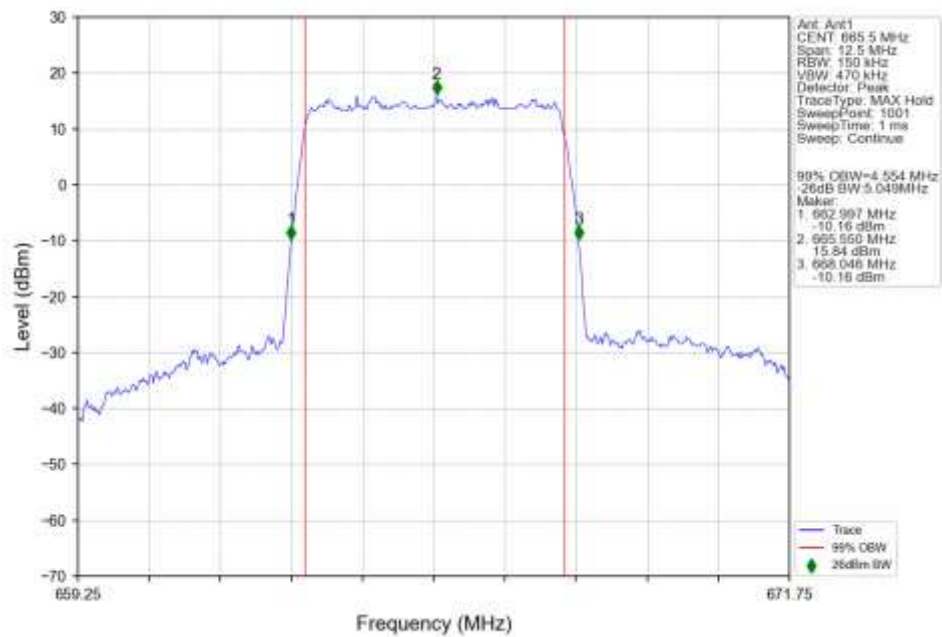
4.2.1 15k_SISO_5MHz_NTNV



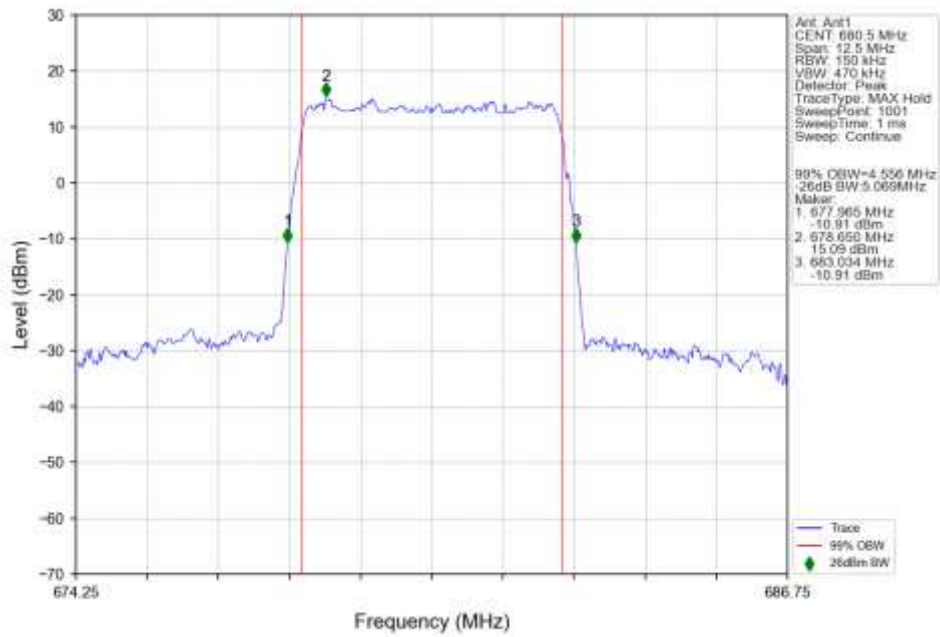
n71 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 695.5MHz Outer Full Ant1



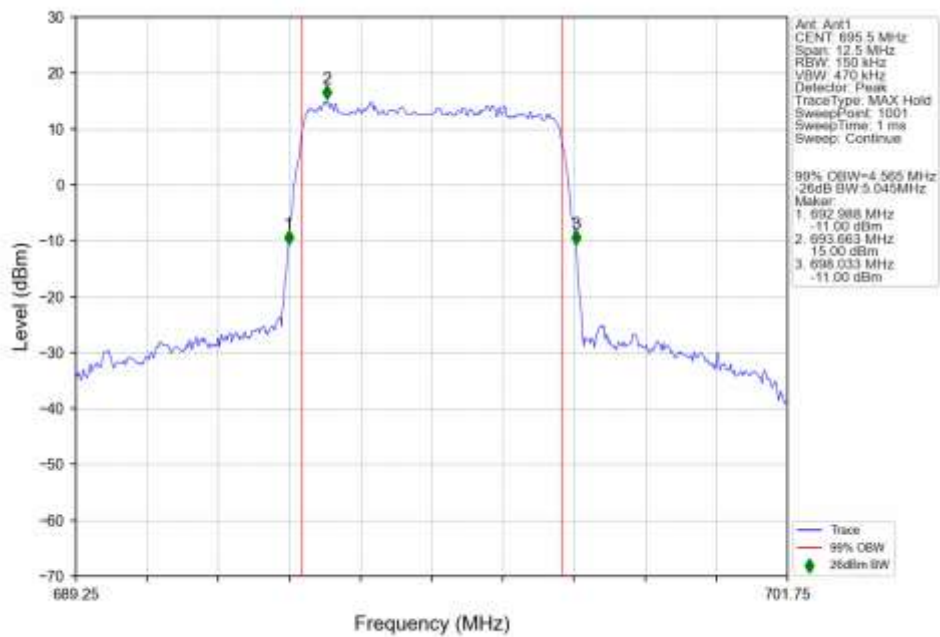
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 665.5MHz Outer Full Ant1



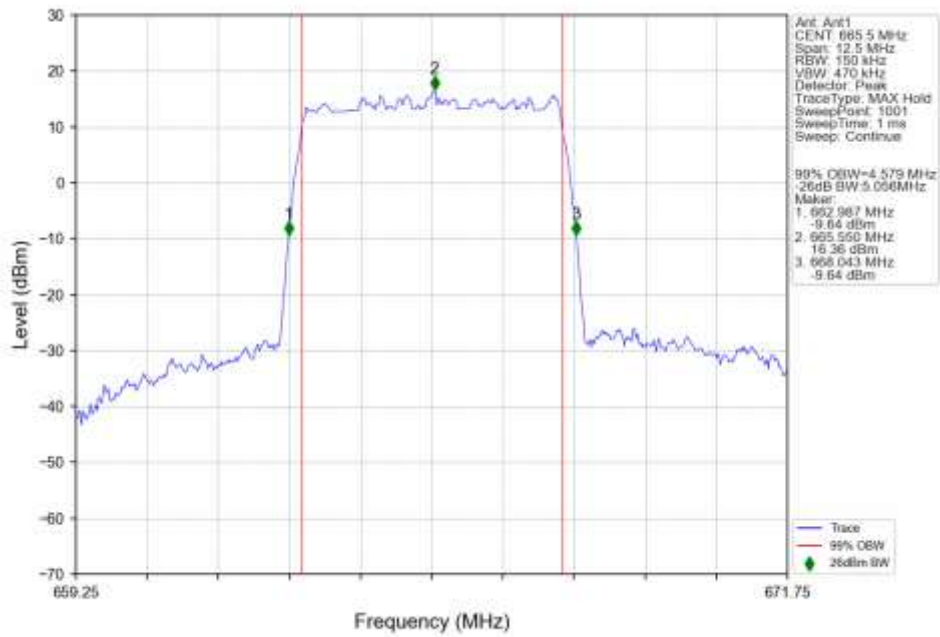
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



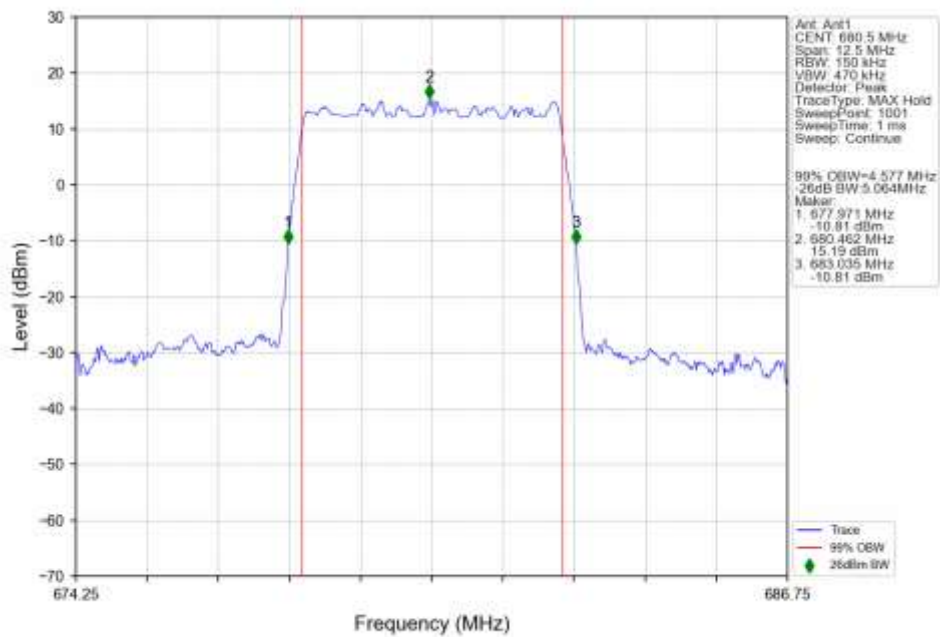
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 695.5MHz Outer Full Ant1



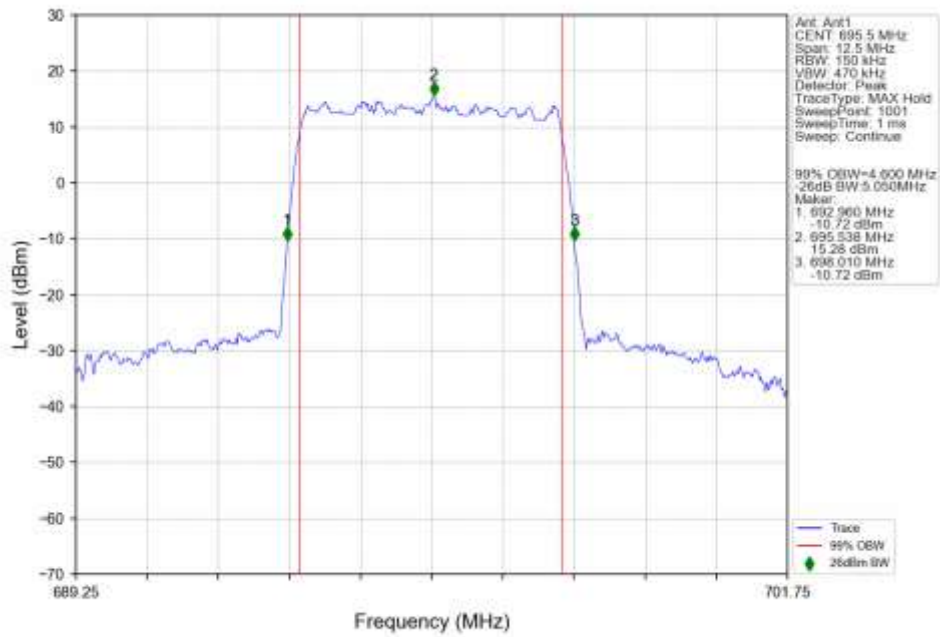
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 665.5MHz Outer Full Ant1



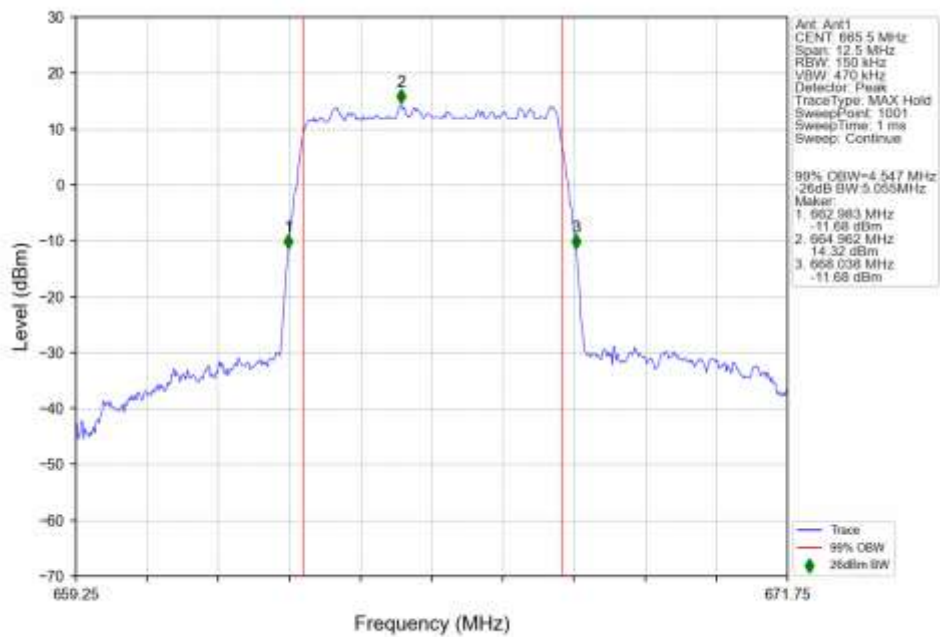
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



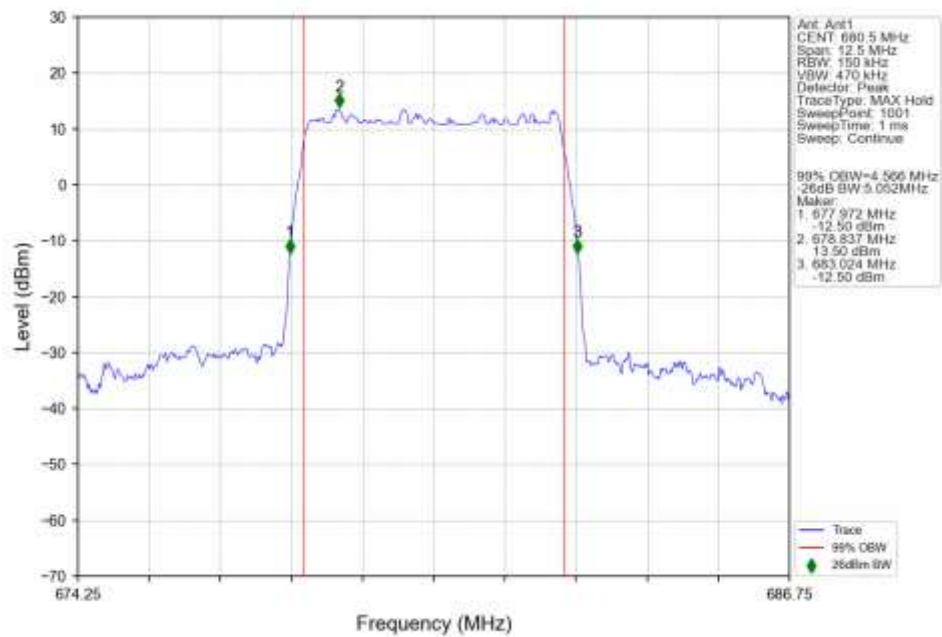
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 695.5MHz Outer Full Ant1



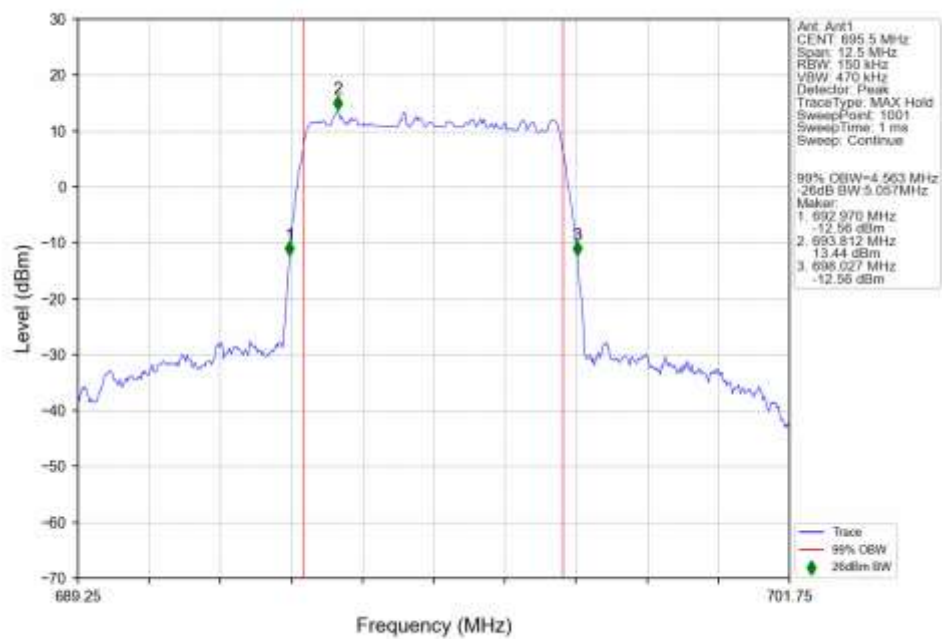
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 665.5MHz Outer Full Ant1



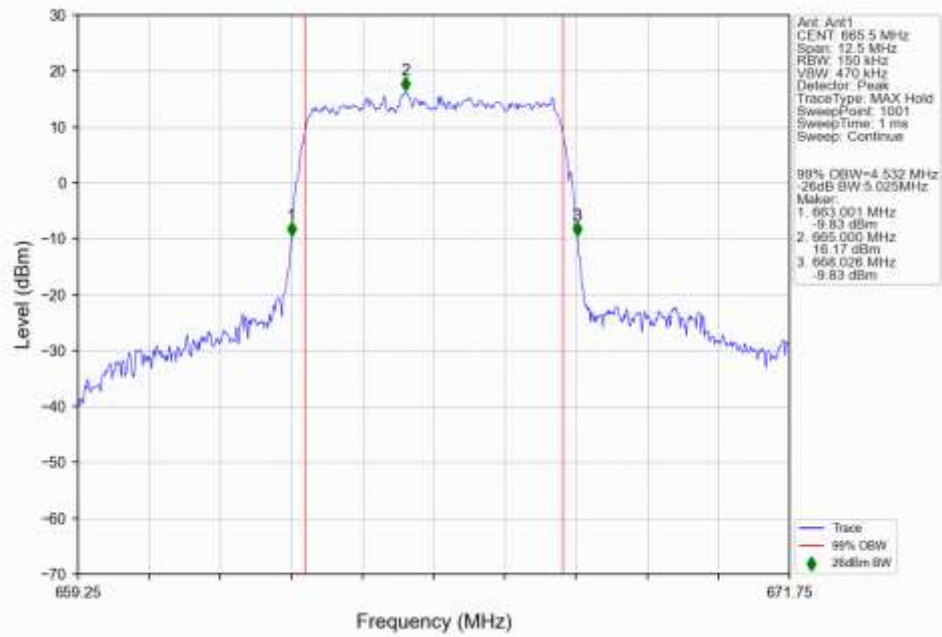
n71 15kHz SISO NTNv 5MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



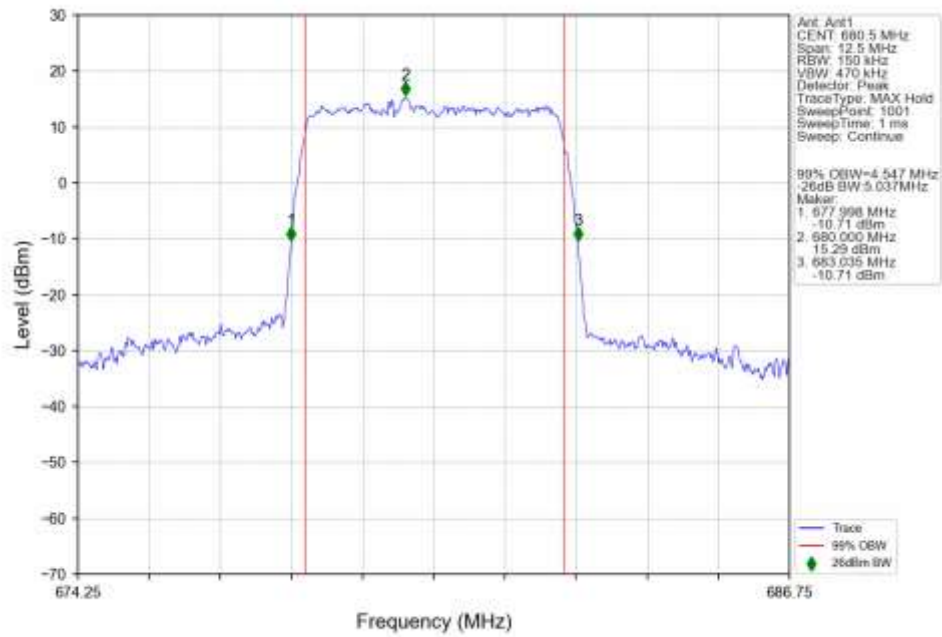
n71 15kHz SISO NTNv 5MHz DFT-s-OFDM 256 QAM 695.5MHz Outer Full Ant1



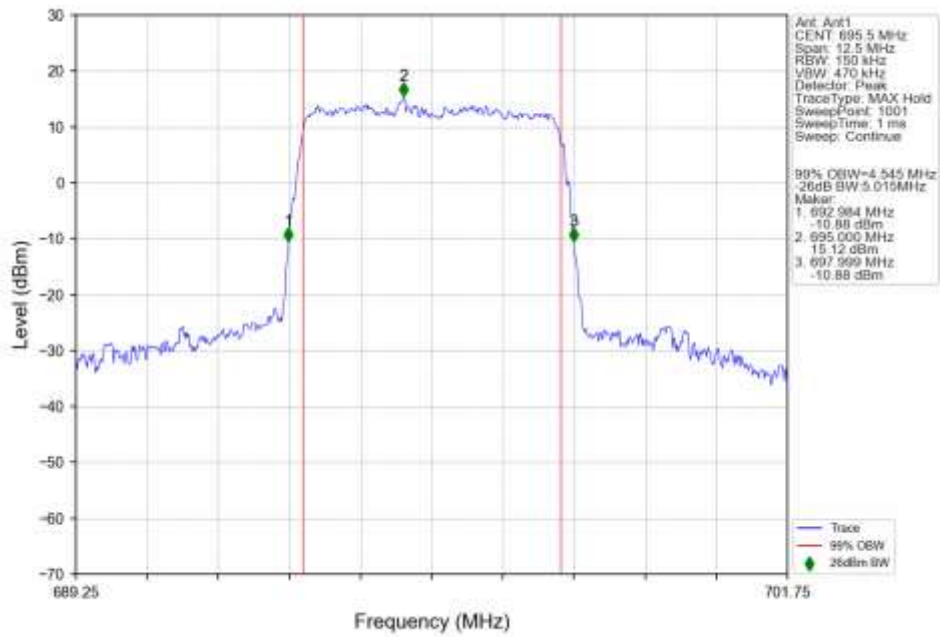
n71 15kHz SISO NTN 5MHz CP-OFDM QPSK 665.5MHz Outer Full Ant1



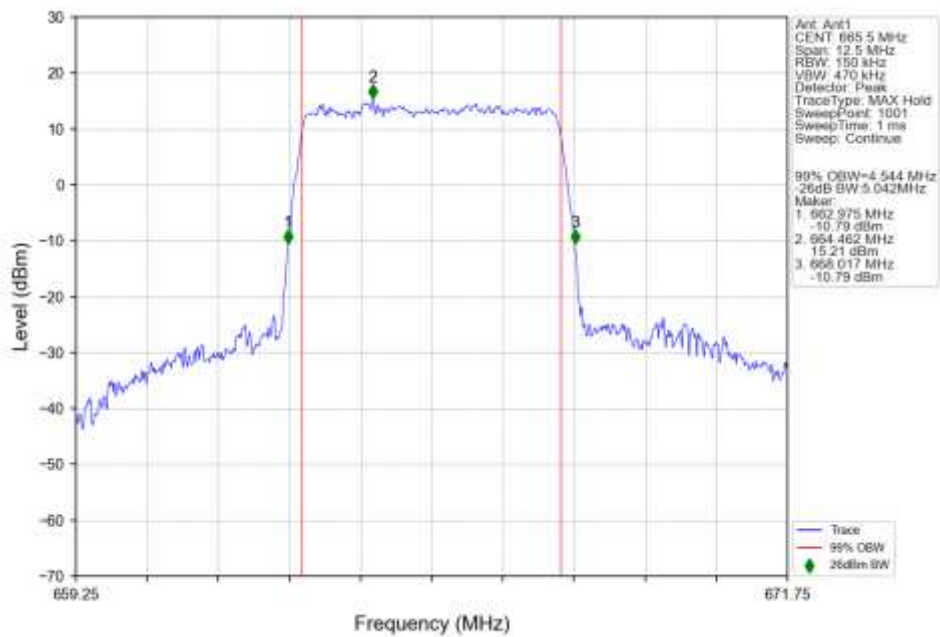
n71 15kHz SISO NTN 5MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



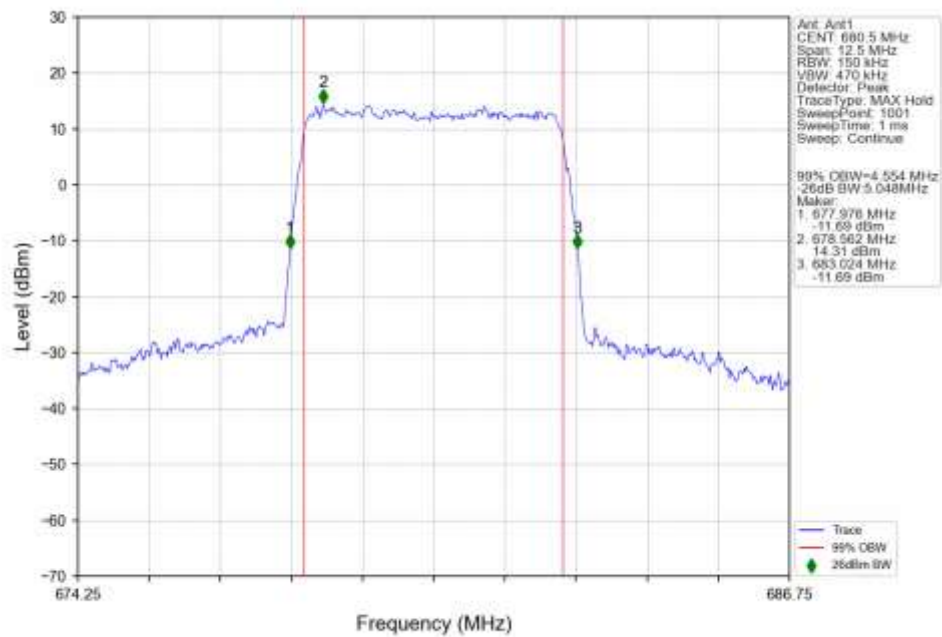
n71 15kHz SISO NTN 5MHz CP-OFDM QPSK 695.5MHz Outer Full Ant1



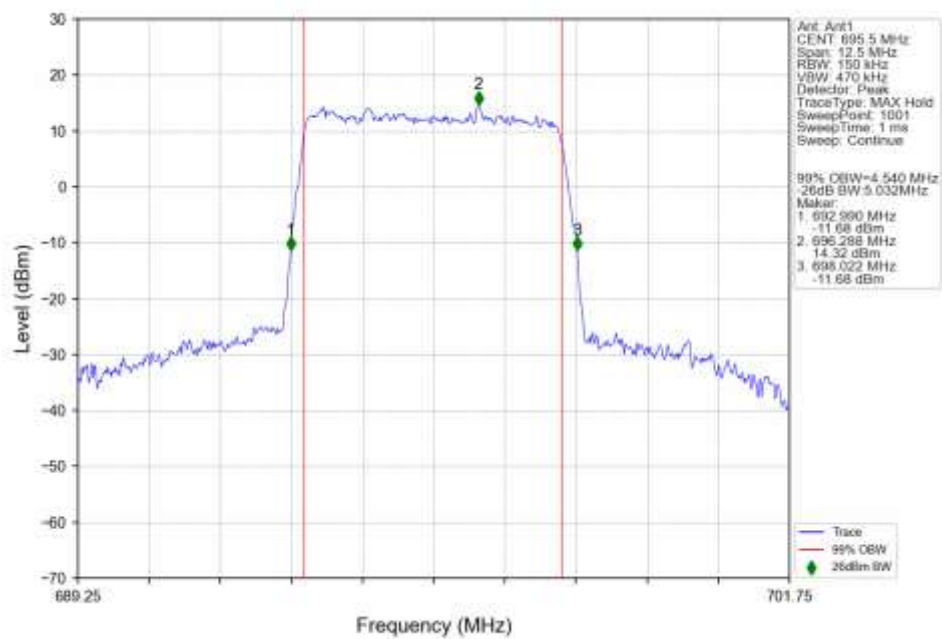
n71 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 665.5MHz Outer Full Ant1



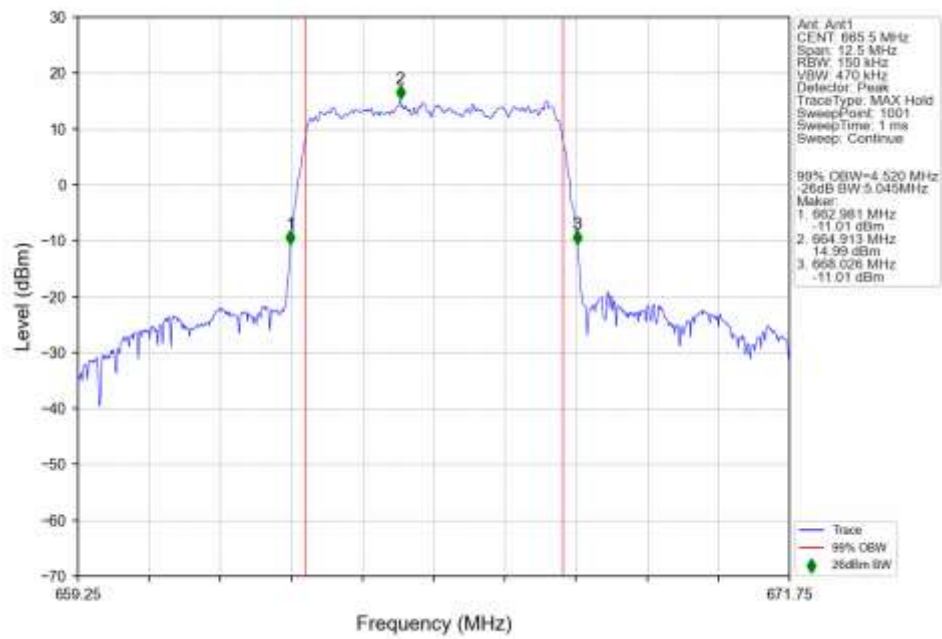
n71 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



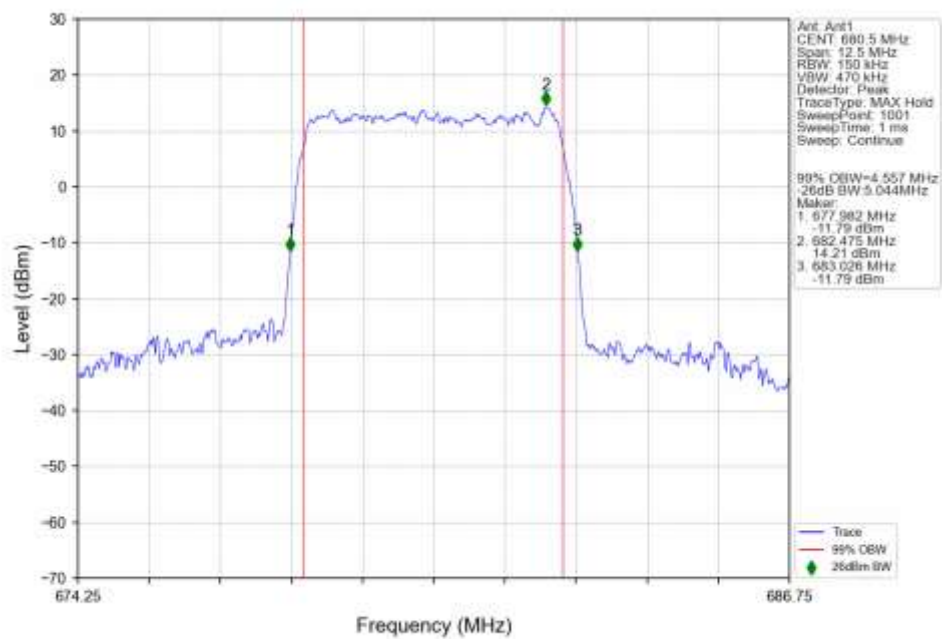
n71 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 695.5MHz Outer Full Ant1



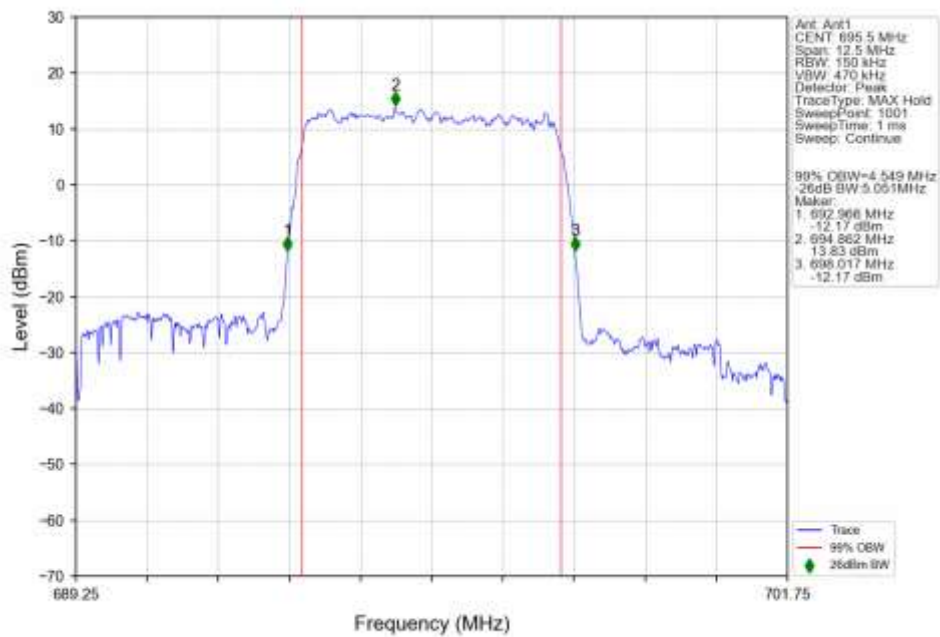
n71 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 665.5MHz Outer Full Ant1



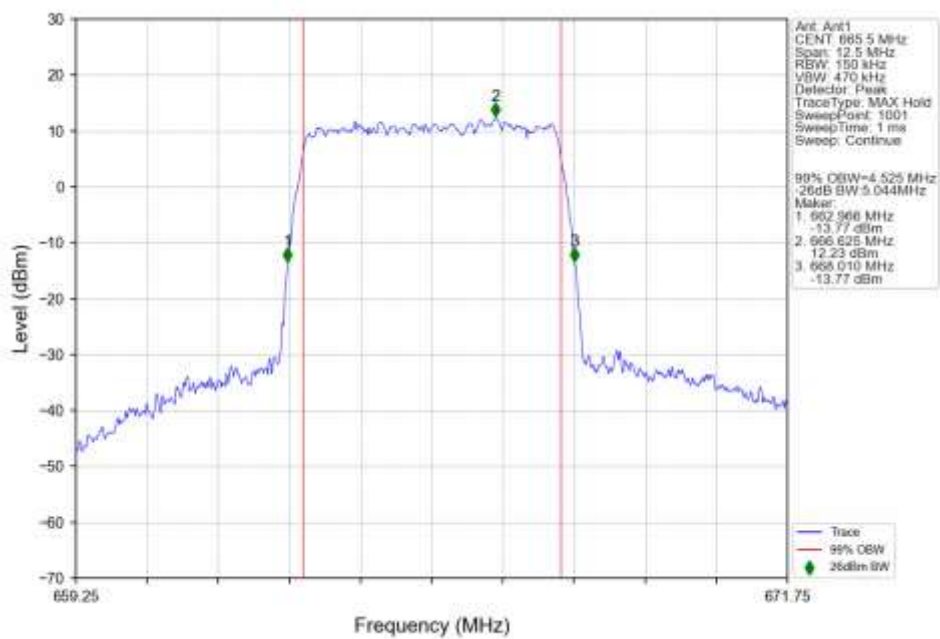
n71 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



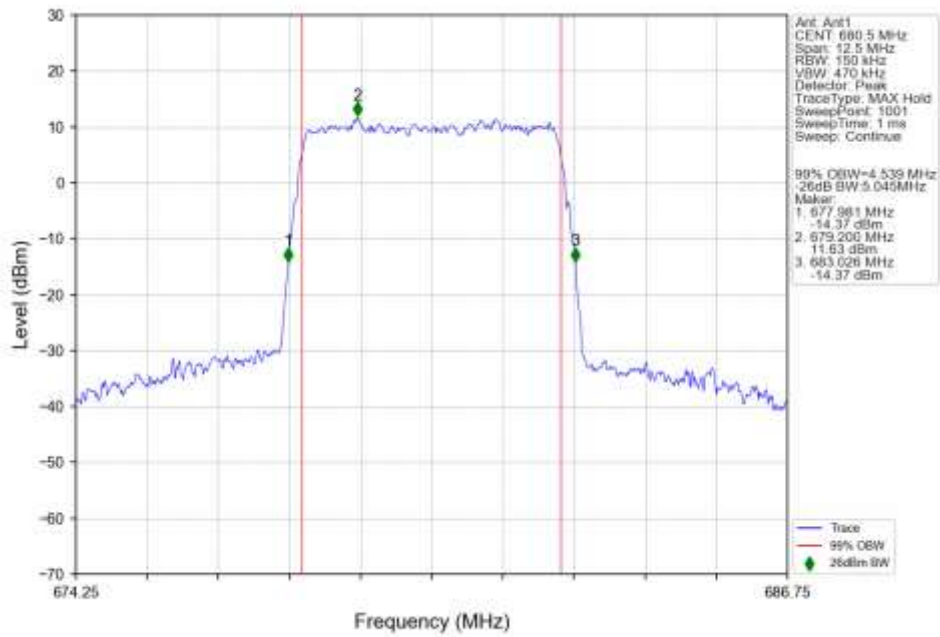
n71 15kHz SISO NTV 5MHz CP-OFDM 64 QAM 695.5MHz Outer Full Ant1



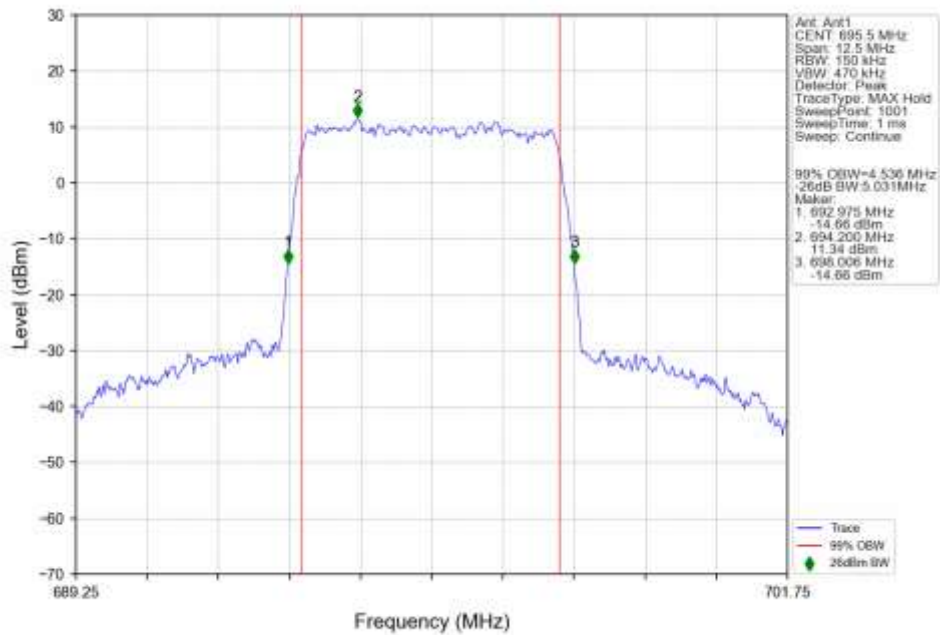
n71 15kHz SISO NTV 5MHz CP-OFDM 256 QAM 665.5MHz Outer Full Ant1



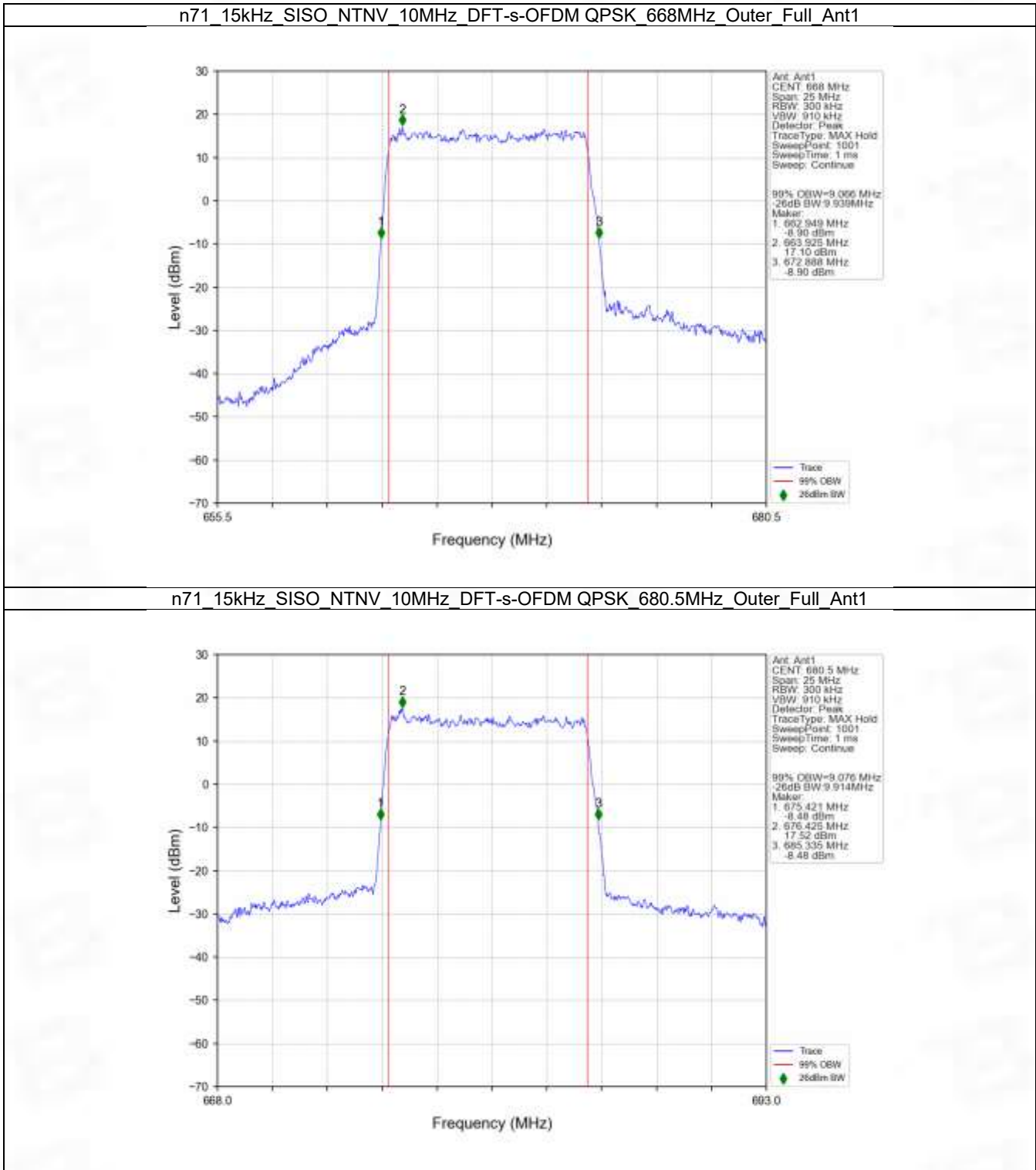
n71 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



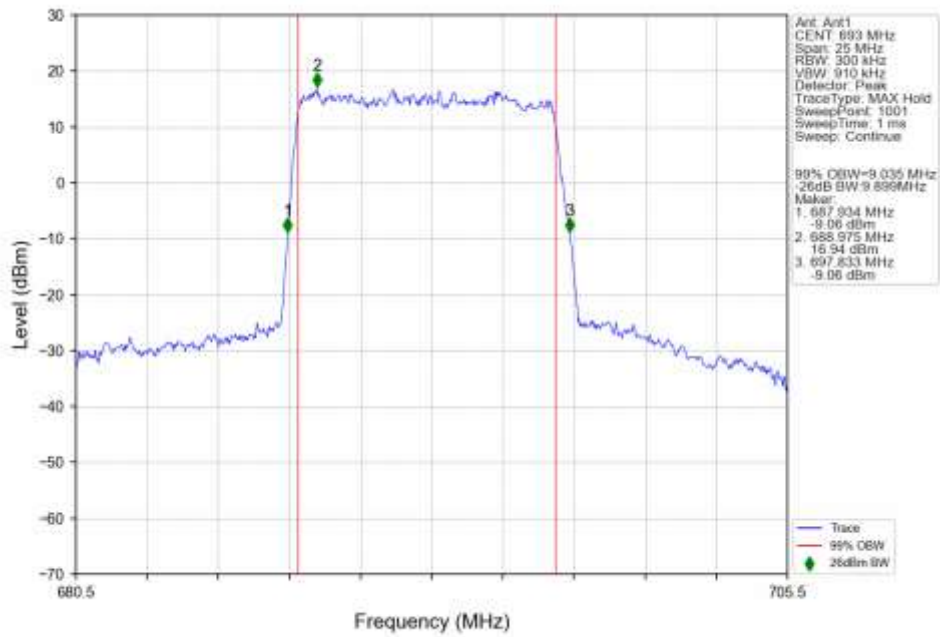
n71 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 695.5MHz Outer Full Ant1



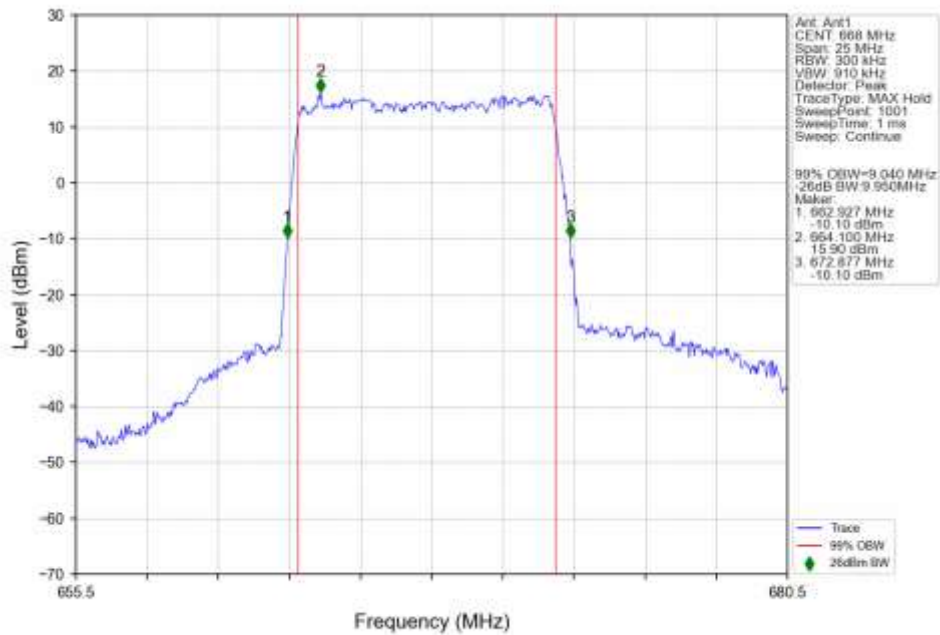
4.2.2 15k_SISO_10MHz_NTNV



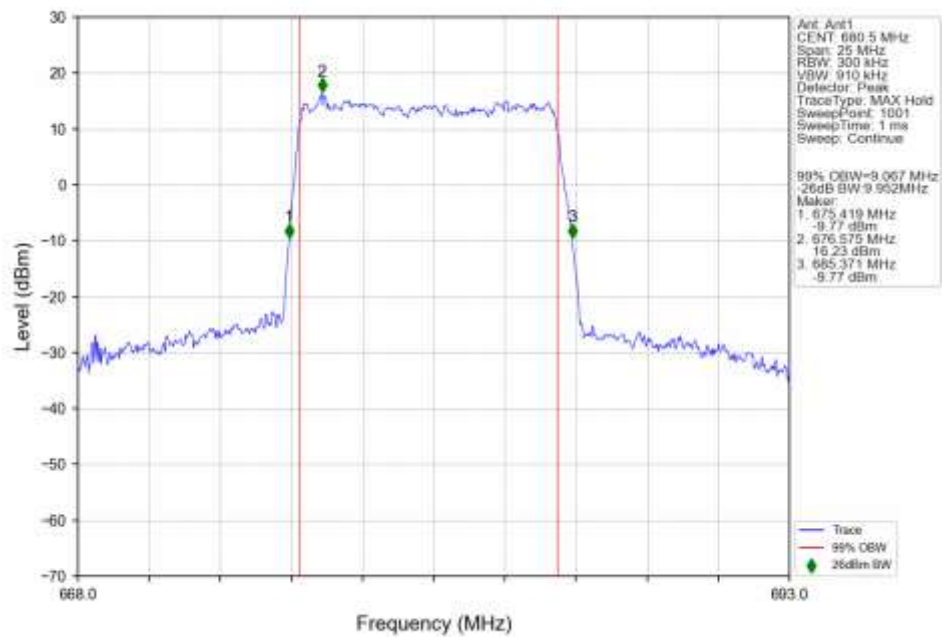
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Outer Full Ant1



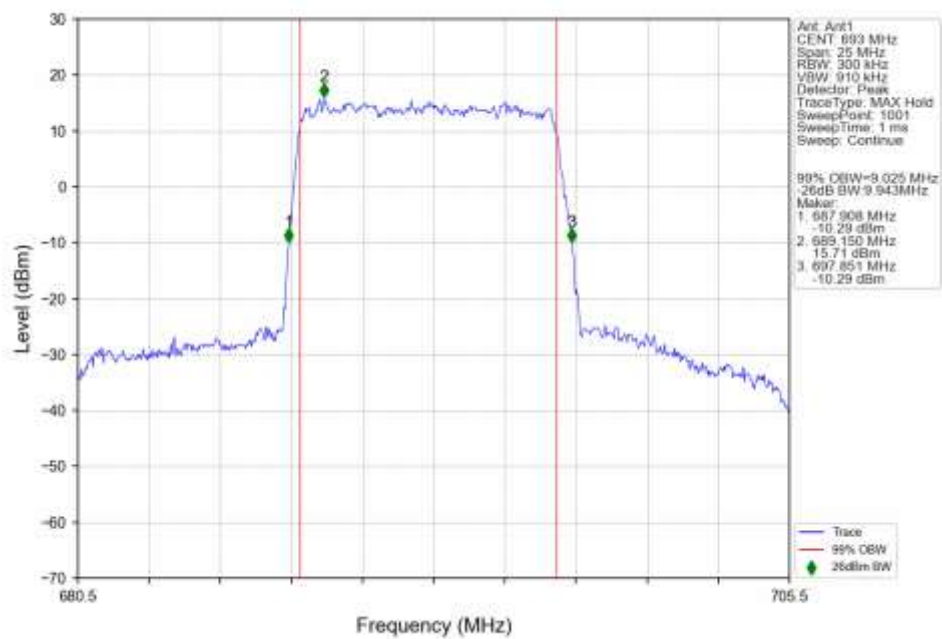
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 668MHz Outer Full Ant1



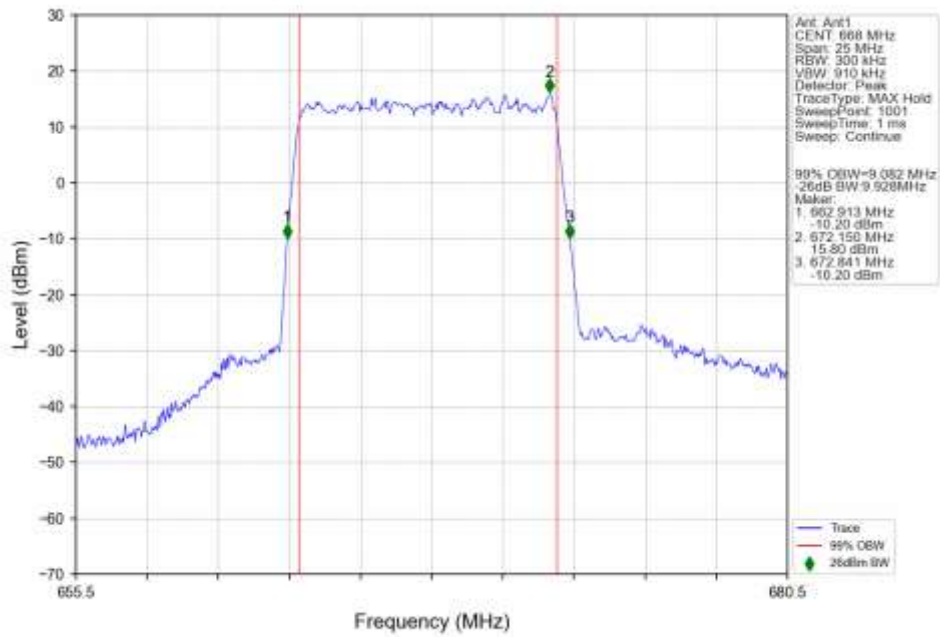
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



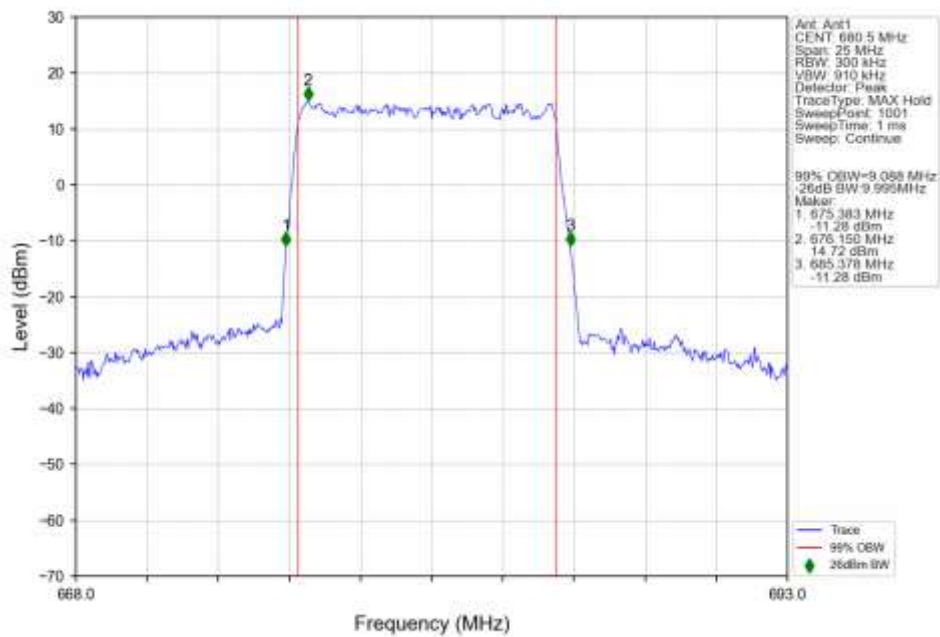
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 693MHz Outer Full Ant1



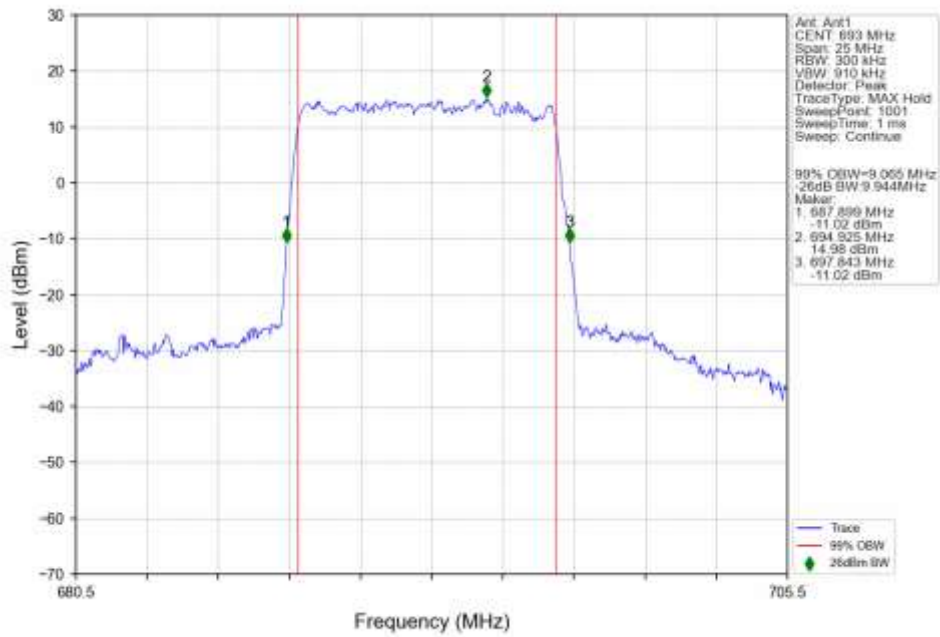
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 668MHz Outer Full Ant1



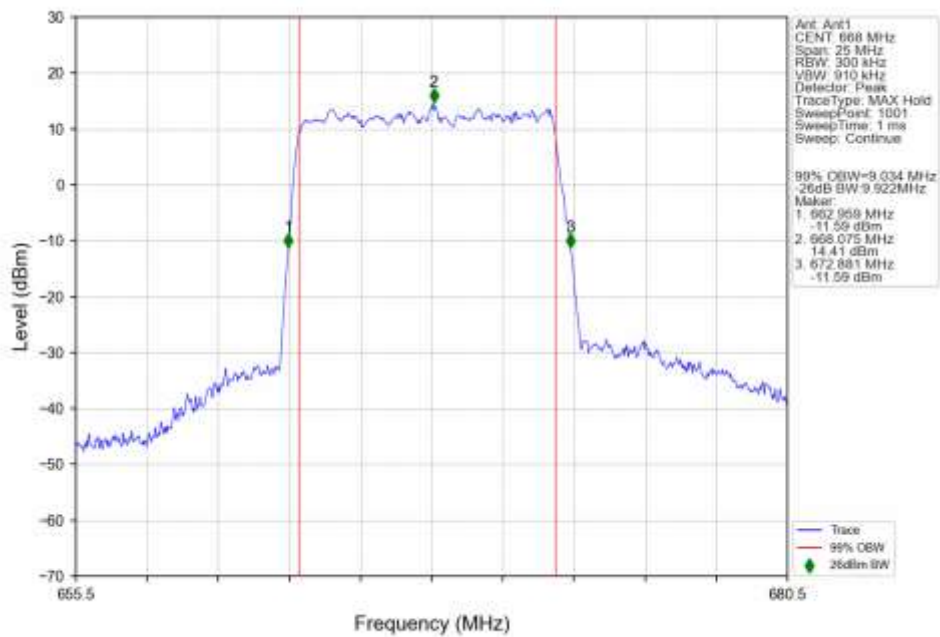
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



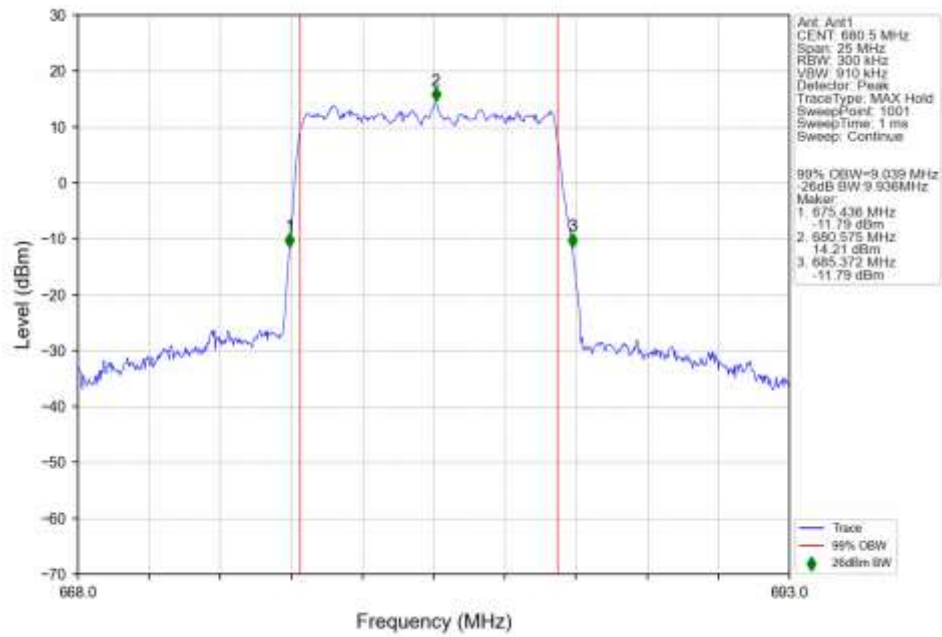
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 693MHz Outer Full Ant1



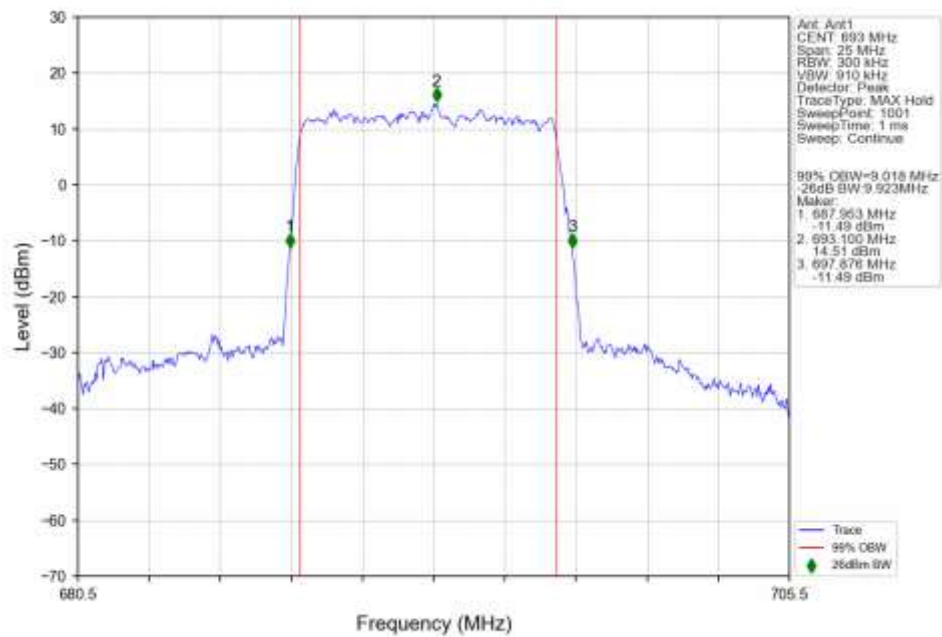
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 668MHz Outer Full Ant1



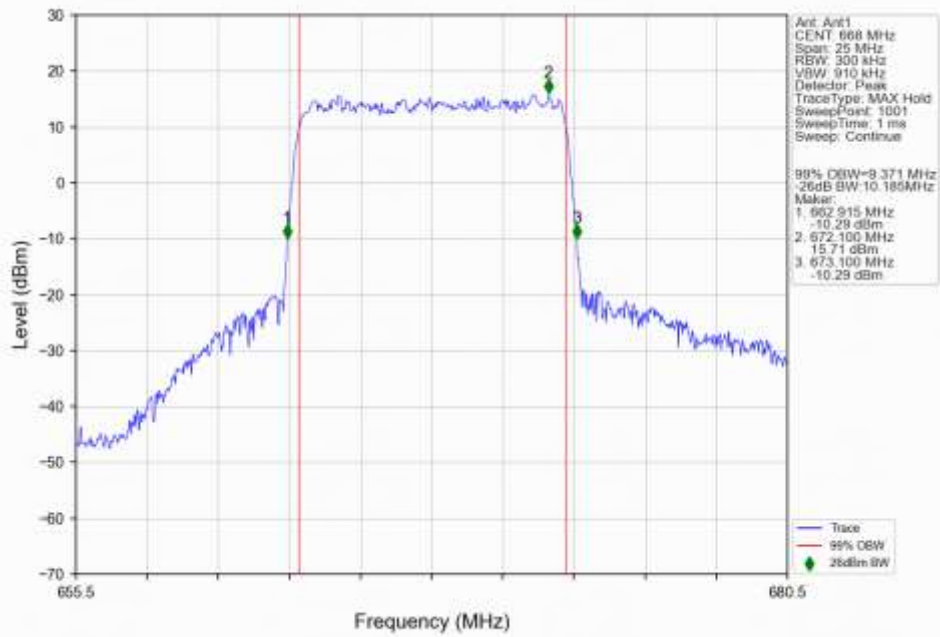
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



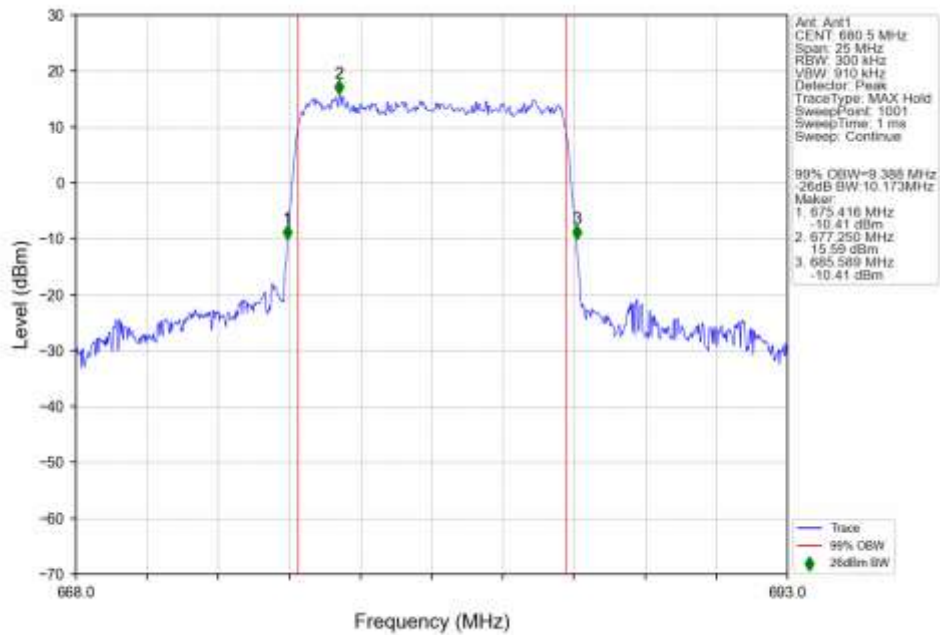
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 693MHz Outer Full Ant1



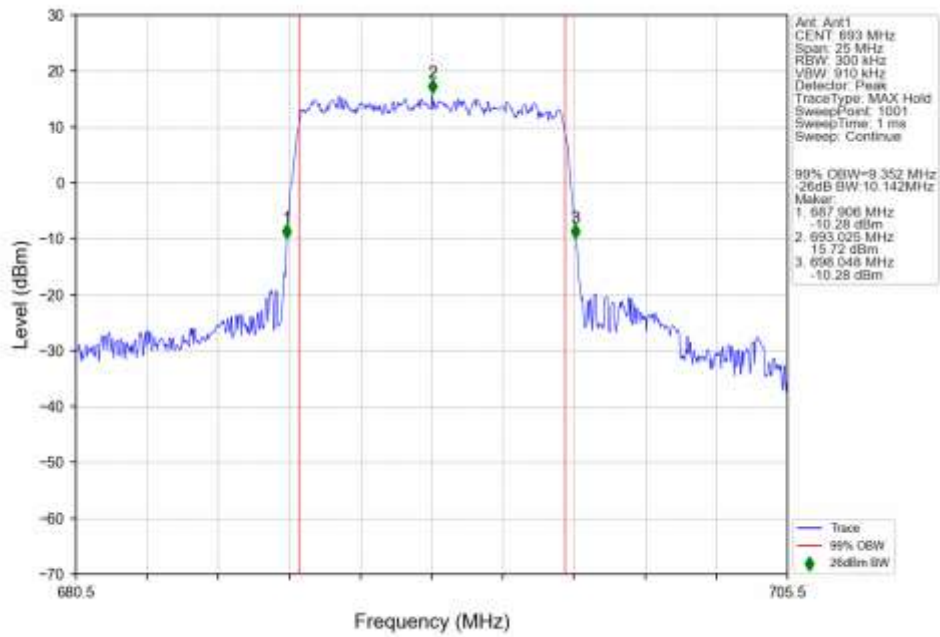
n71 15kHz SISO NTN 10MHz CP-OFDM QPSK 668MHz Outer Full Ant1



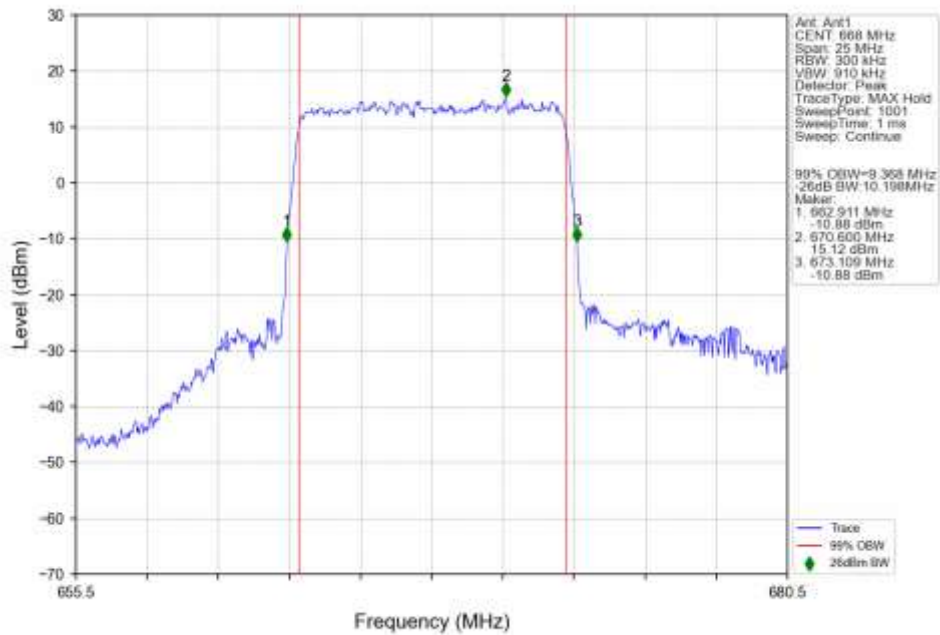
n71 15kHz SISO NTN 10MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



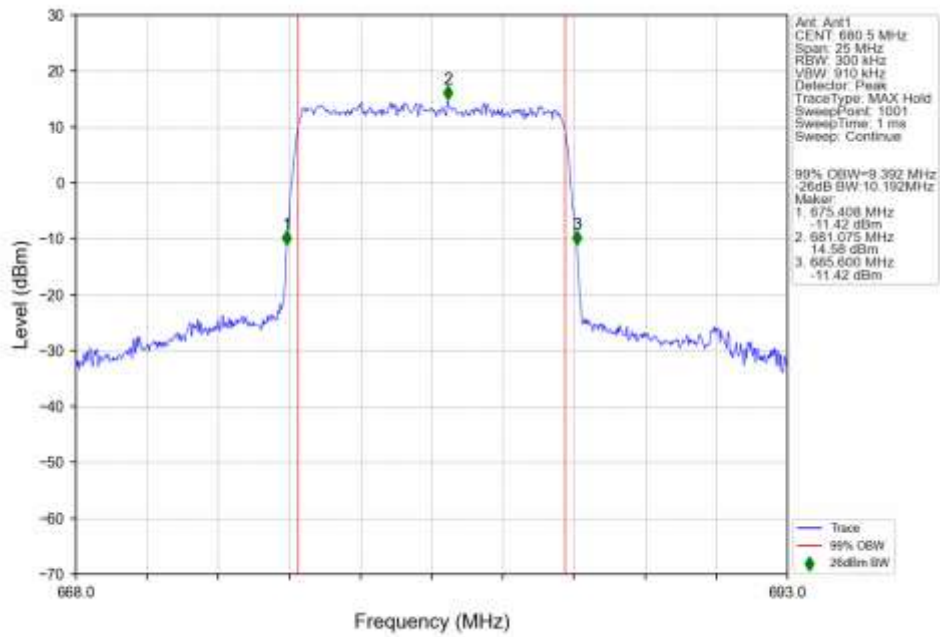
n71 15kHz SISO NTN 10MHz CP-OFDM QPSK 693MHz Outer Full Ant1



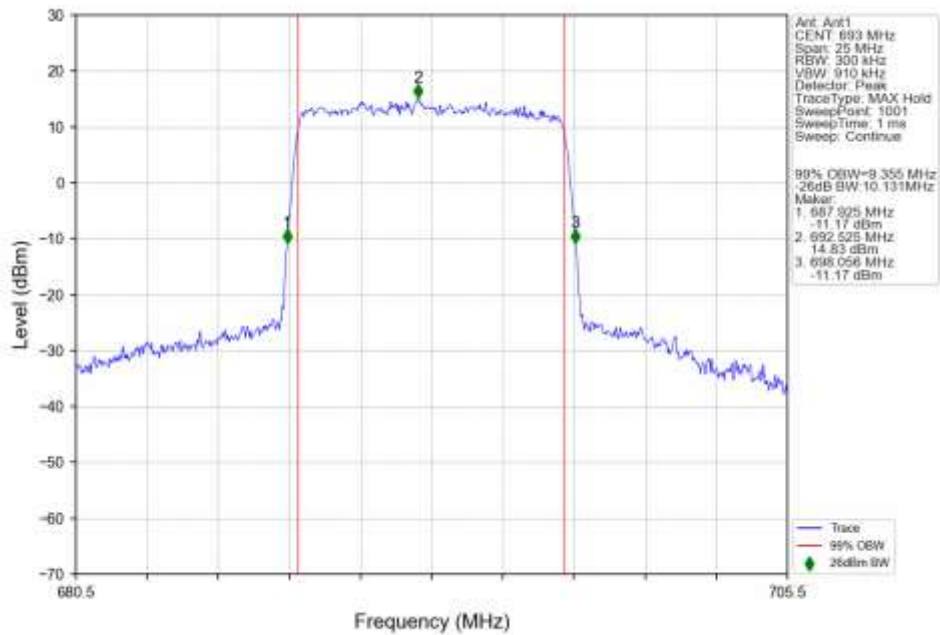
n71 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 668MHz Outer Full Ant1



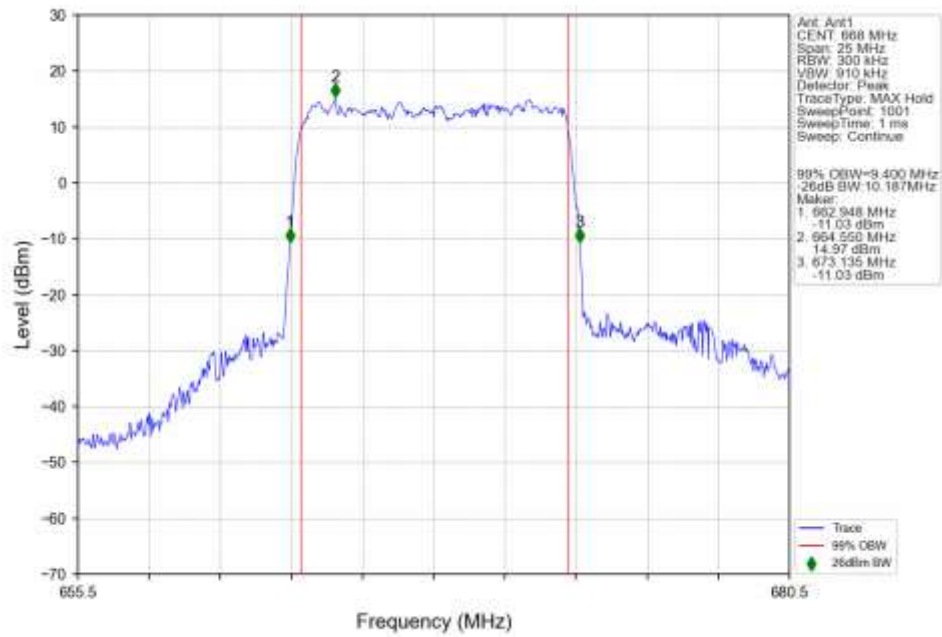
n71 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



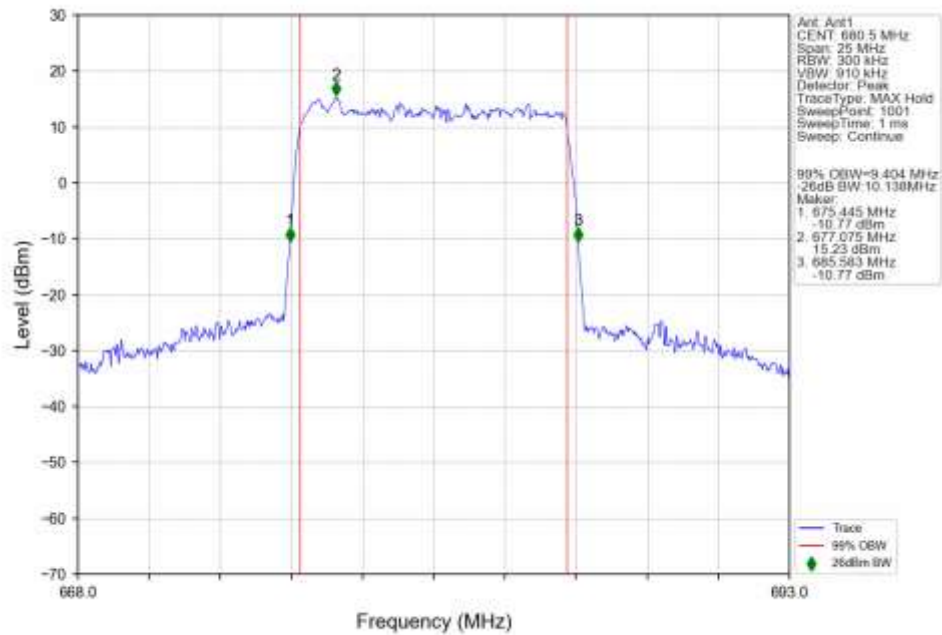
n71 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 693MHz Outer Full Ant1



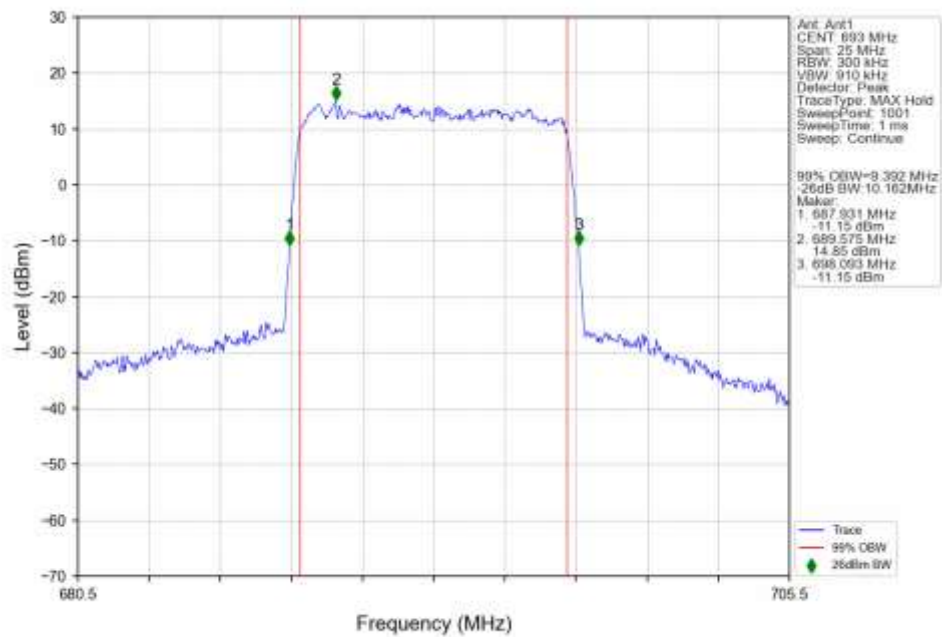
n71 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 668MHz Outer Full Ant1



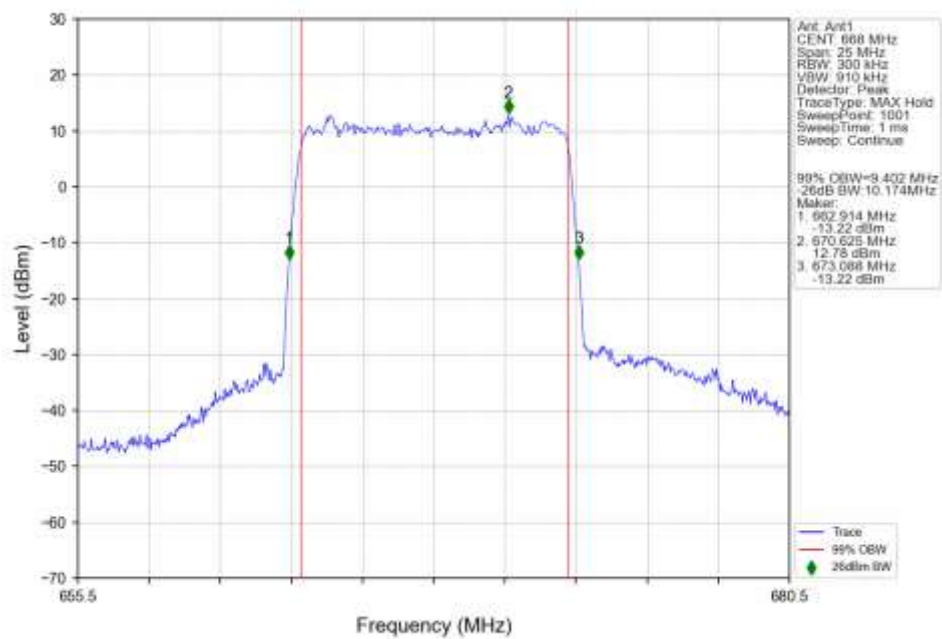
n71 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



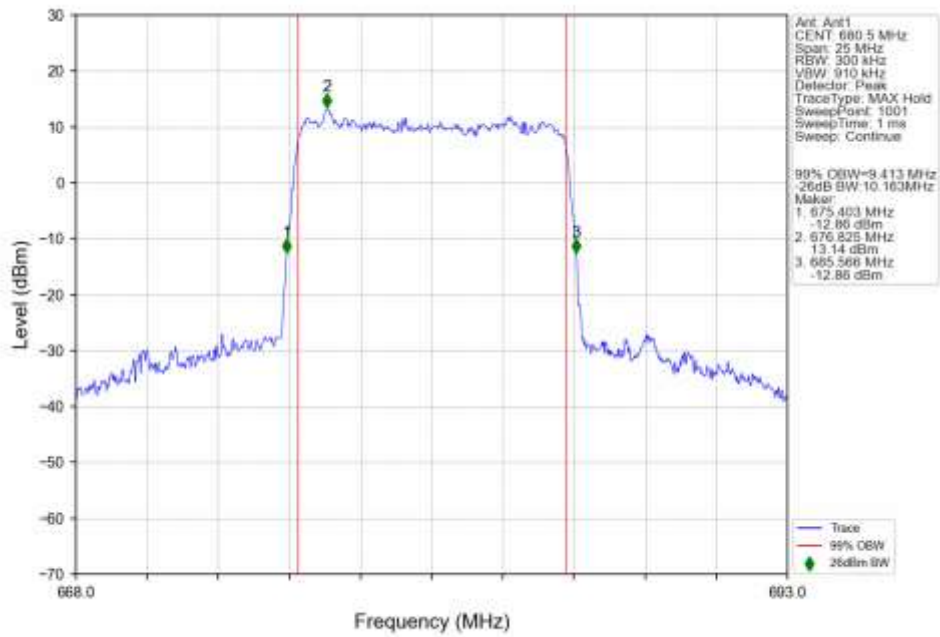
n71 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 693MHz Outer Full Ant1



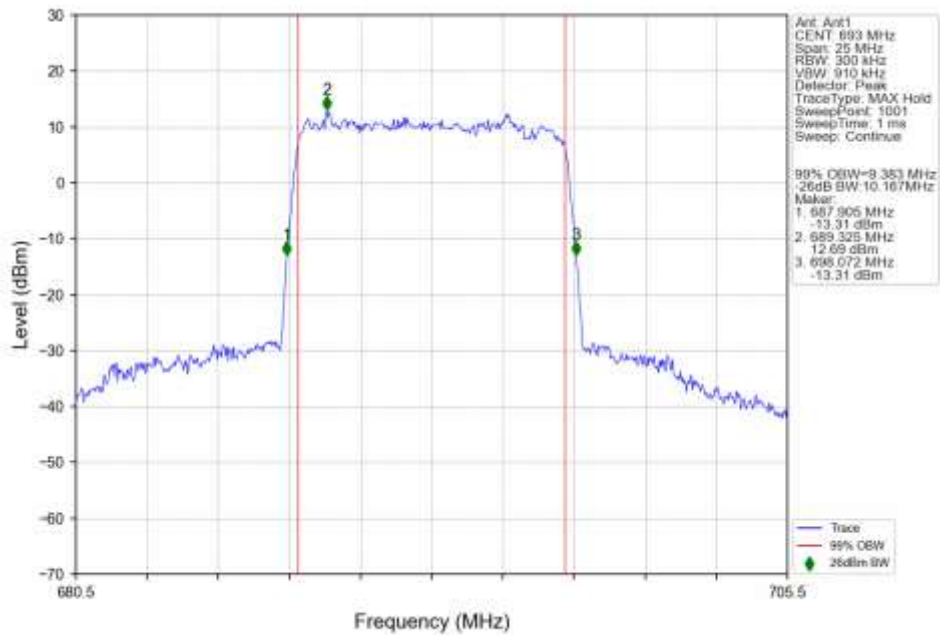
n71 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 668MHz Outer Full Ant1



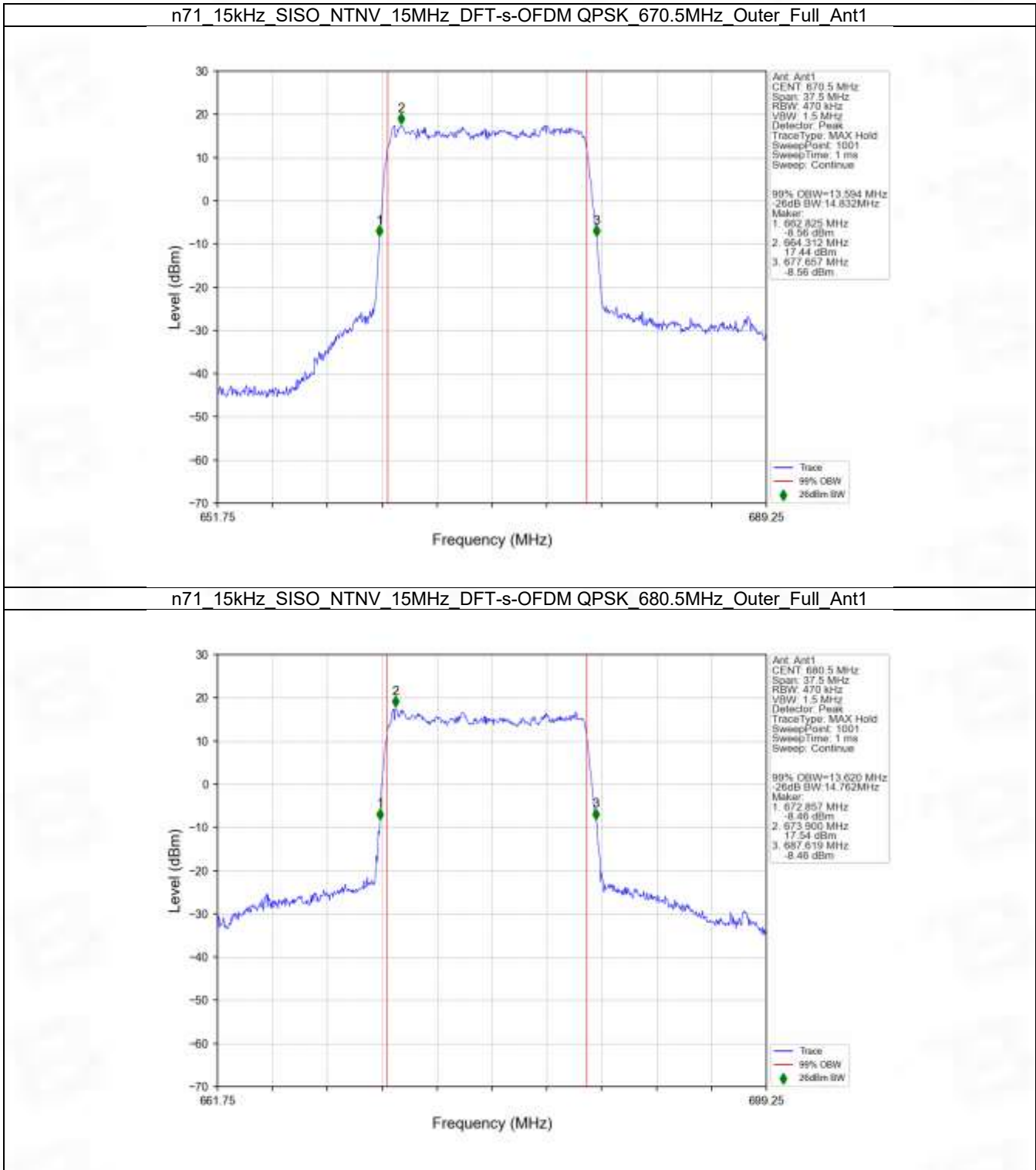
n71 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



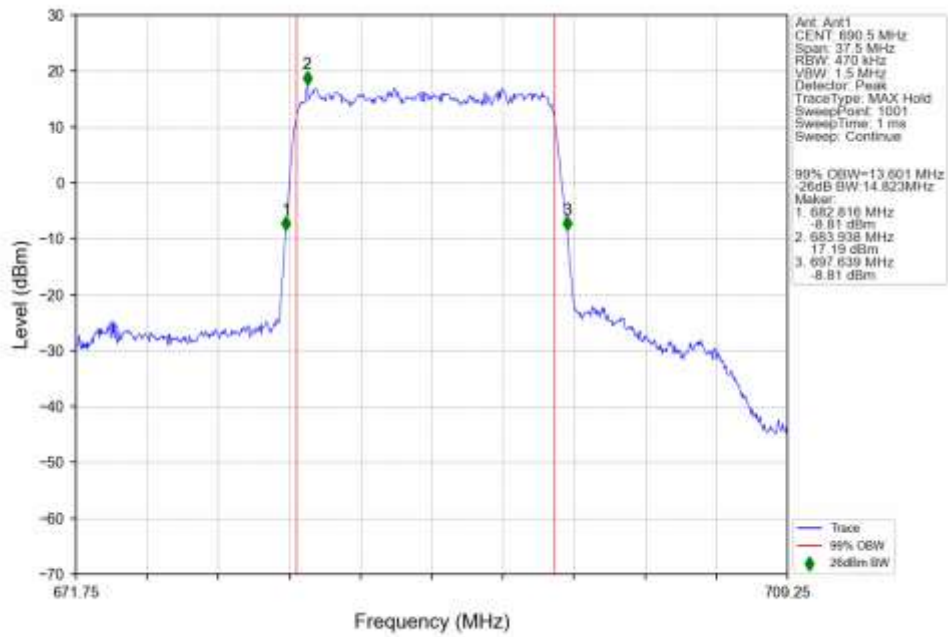
n71 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 693MHz Outer Full Ant1



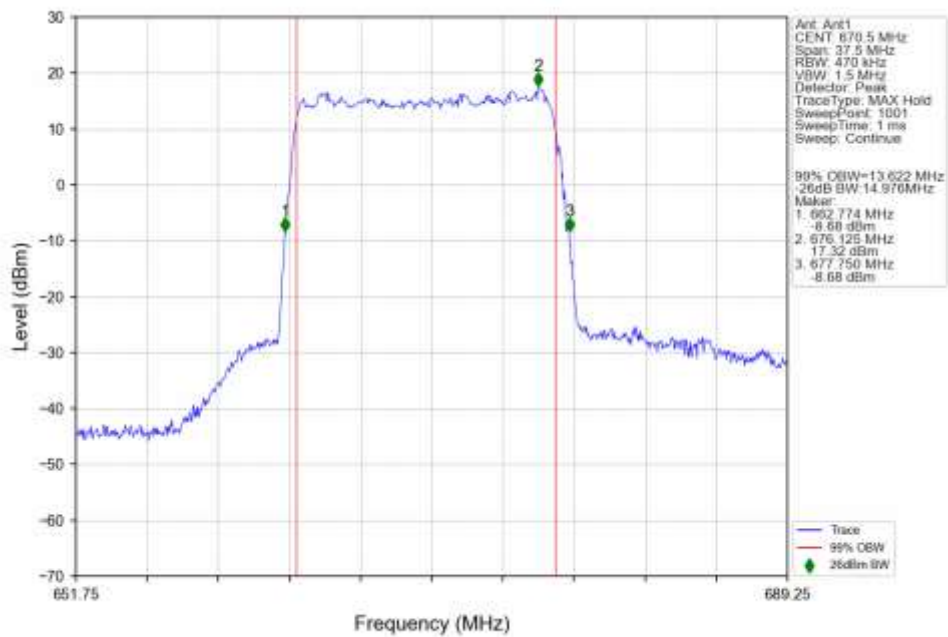
4.2.3 15k_SISO_15MHz_NTNV



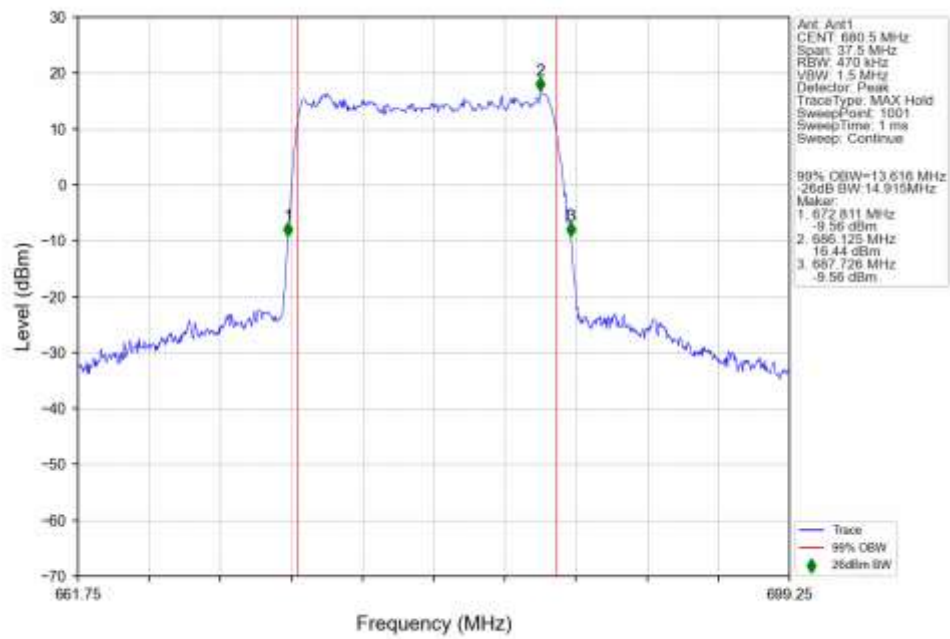
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Outer Full Ant1



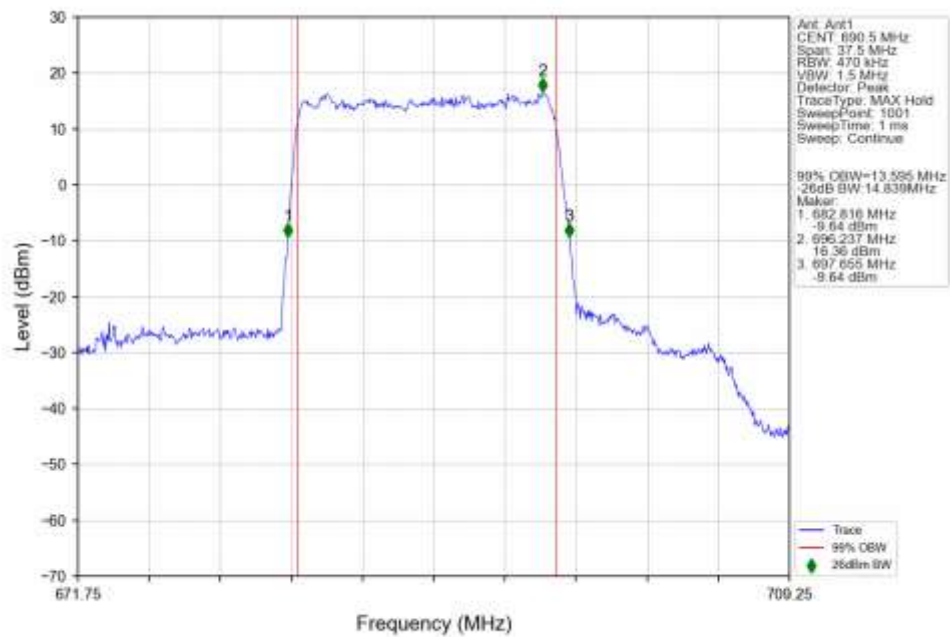
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 670.5MHz Outer Full Ant1



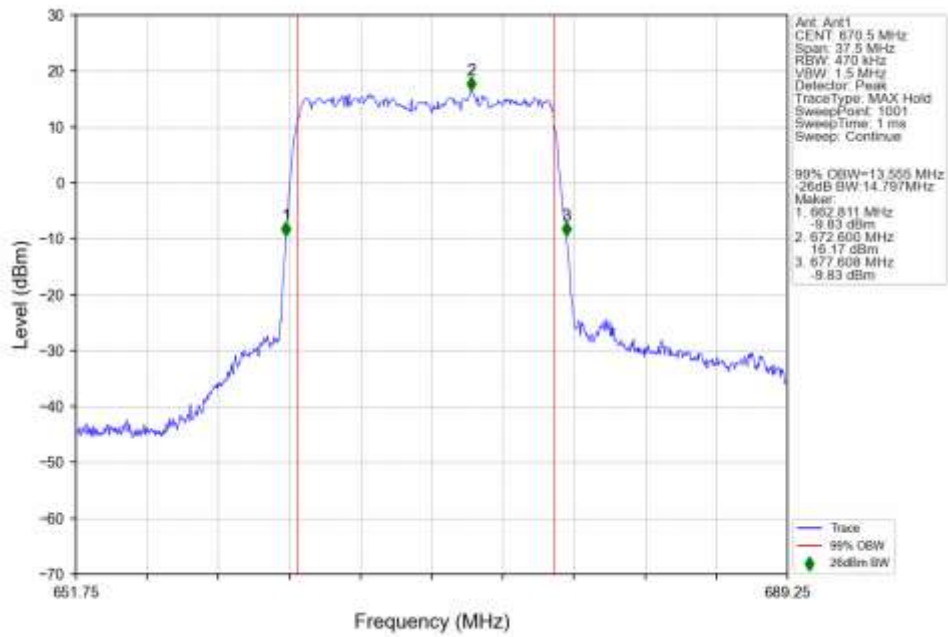
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



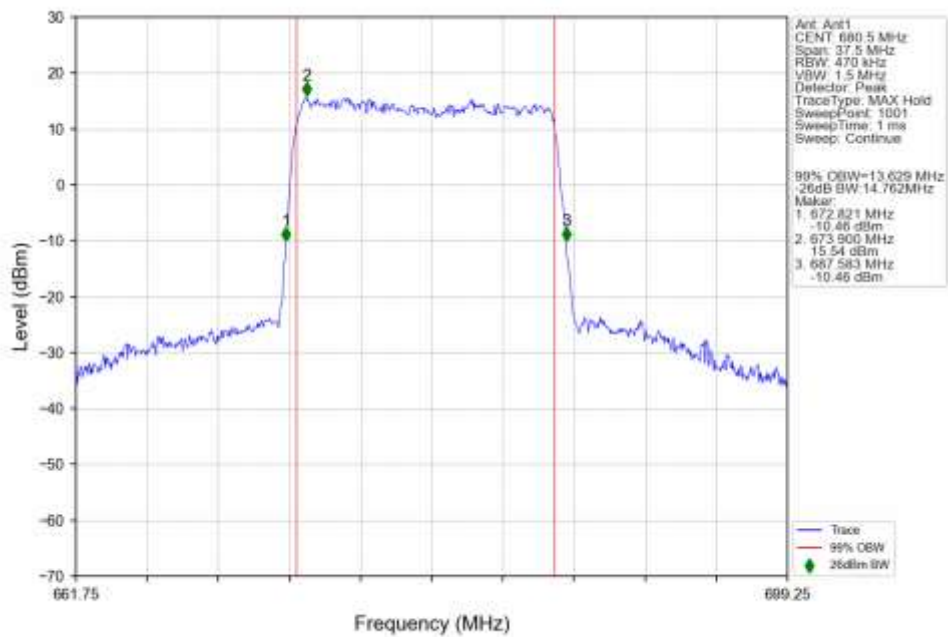
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 690.5MHz Outer Full Ant1



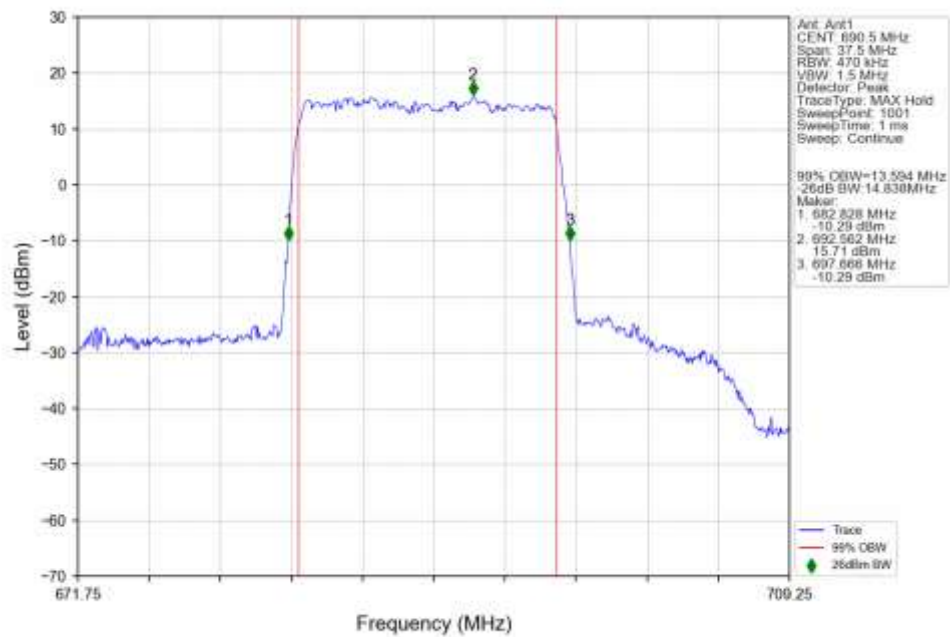
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 670.5MHz Outer Full Ant1



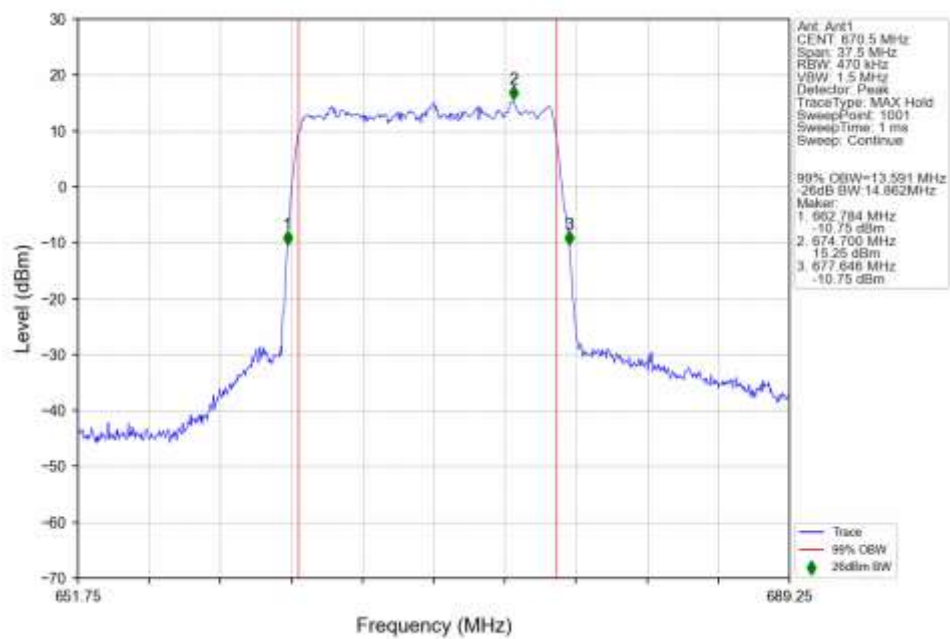
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



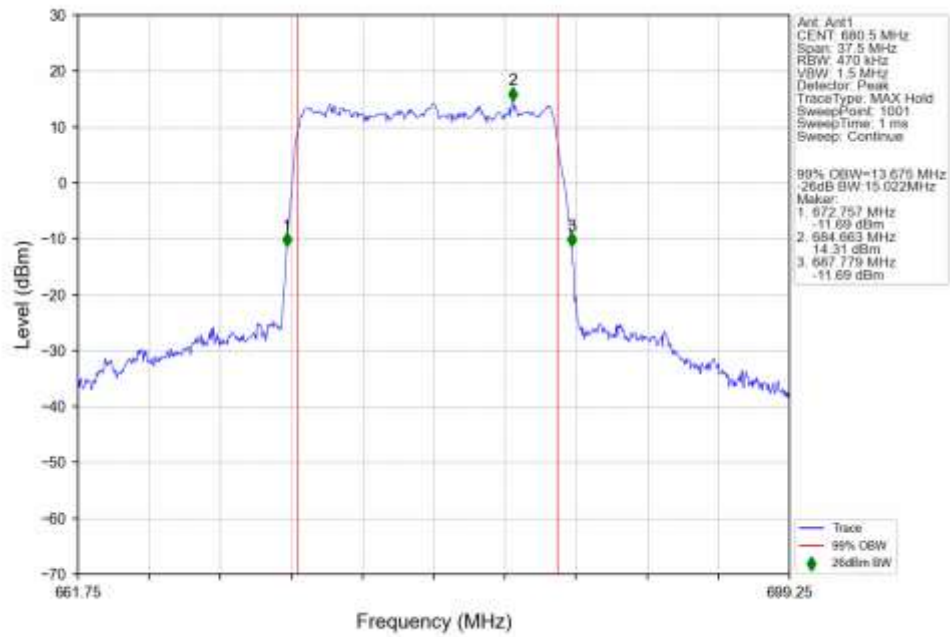
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 690.5MHz Outer Full Ant1



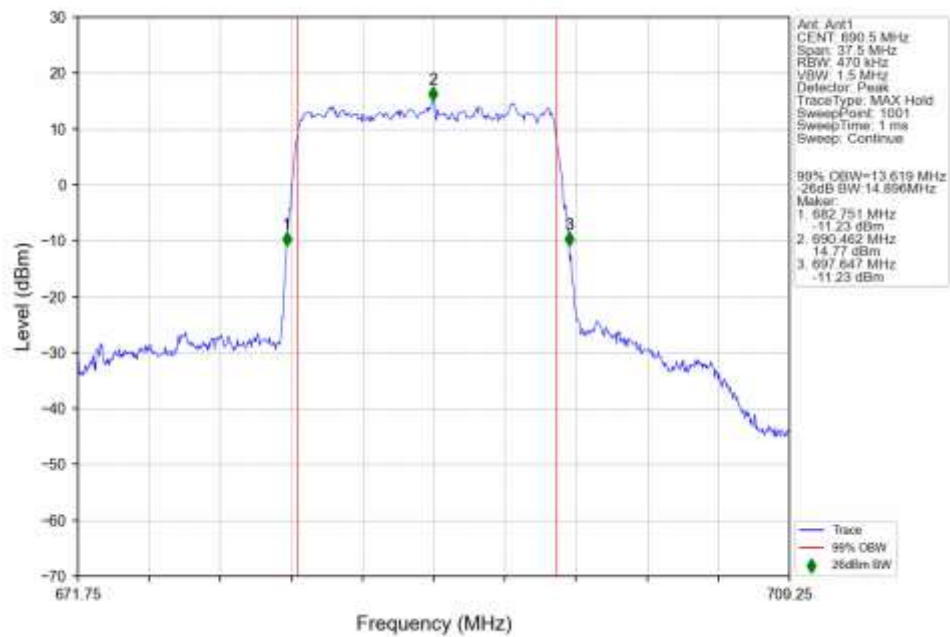
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 670.5MHz Outer Full Ant1



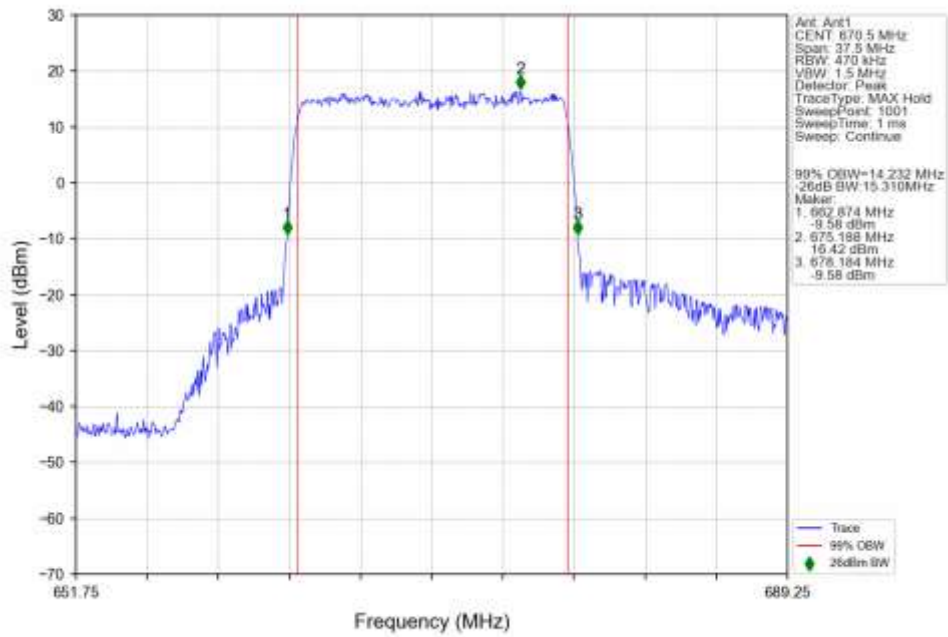
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



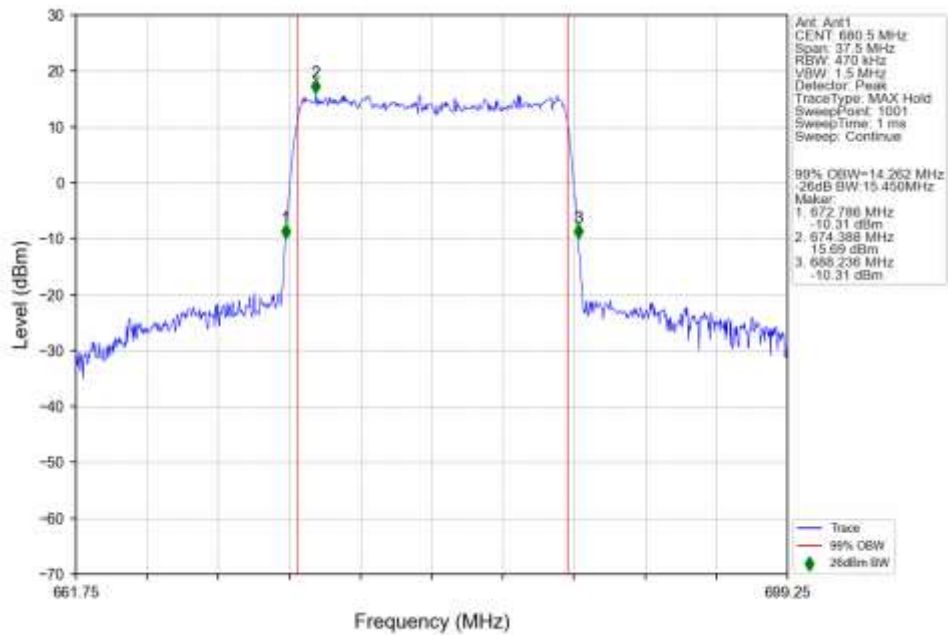
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 690.5MHz Outer Full Ant1



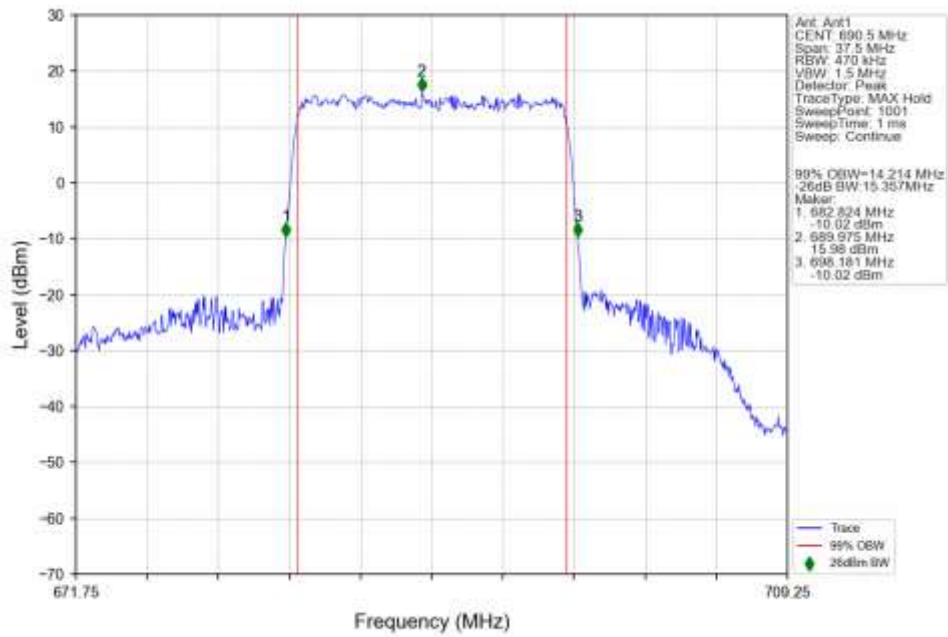
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 670.5MHz Outer Full Ant1



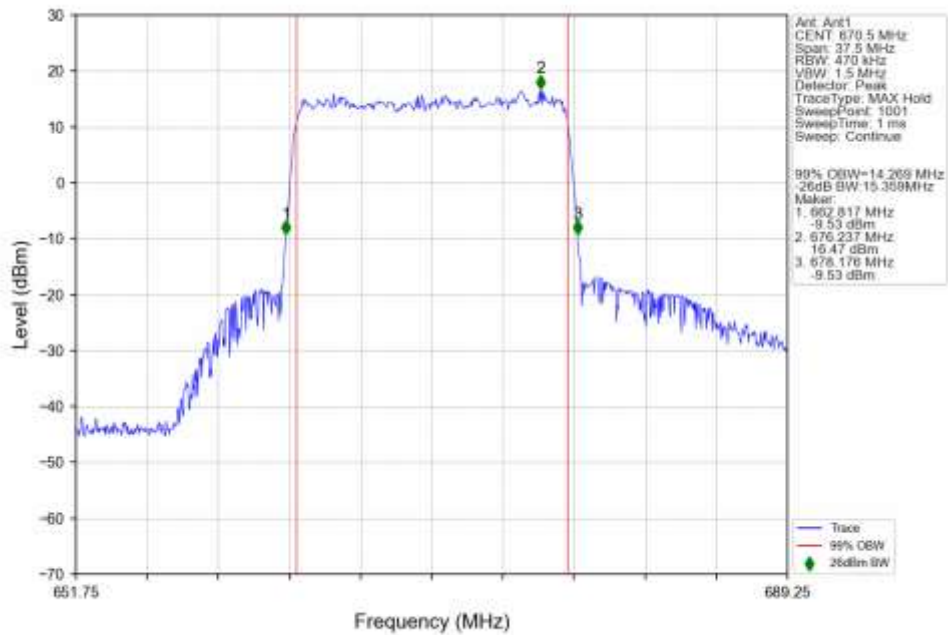
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



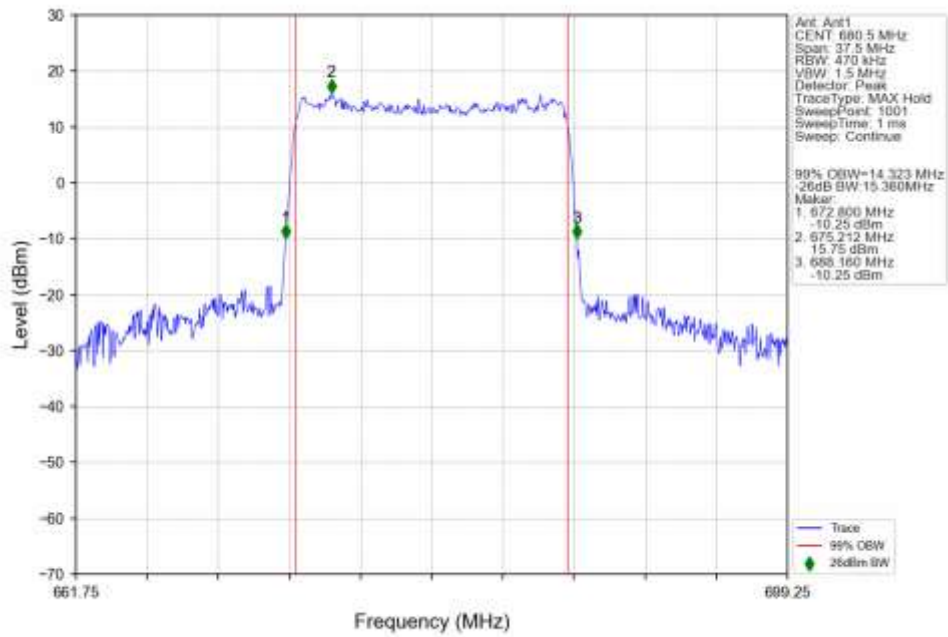
n71 15kHz SISO NTV 15MHz CP-OFDM QPSK 690.5MHz Outer Full Ant1



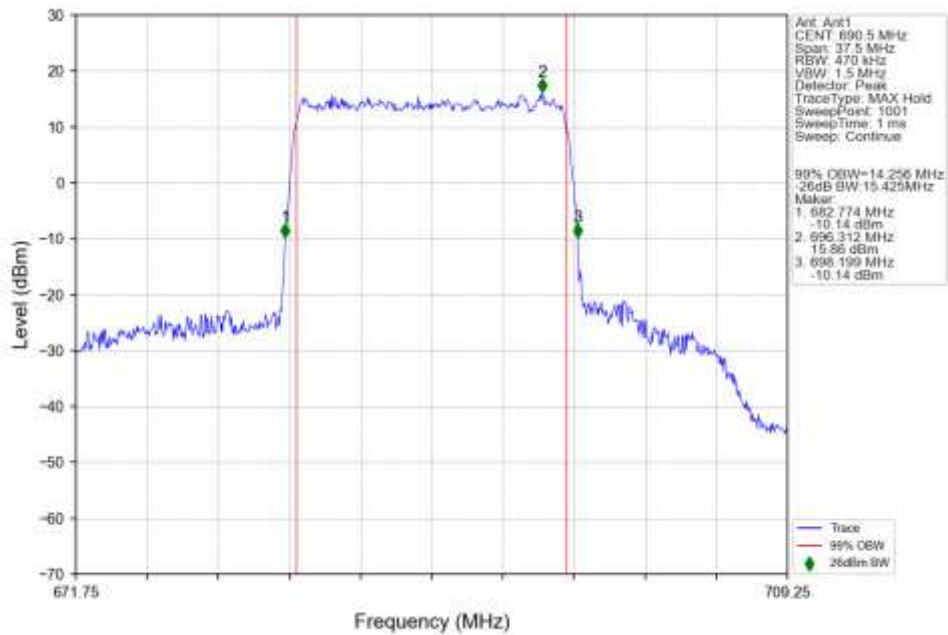
n71 15kHz SISO NTV 15MHz CP-OFDM 16 QAM 670.5MHz Outer Full Ant1



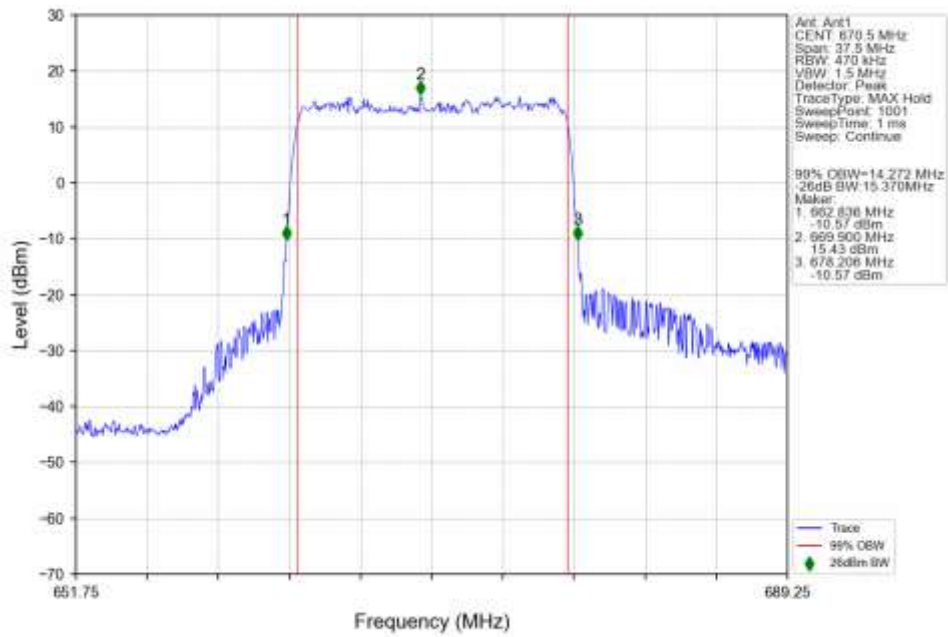
n71 15kHz SISO NTV 15MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



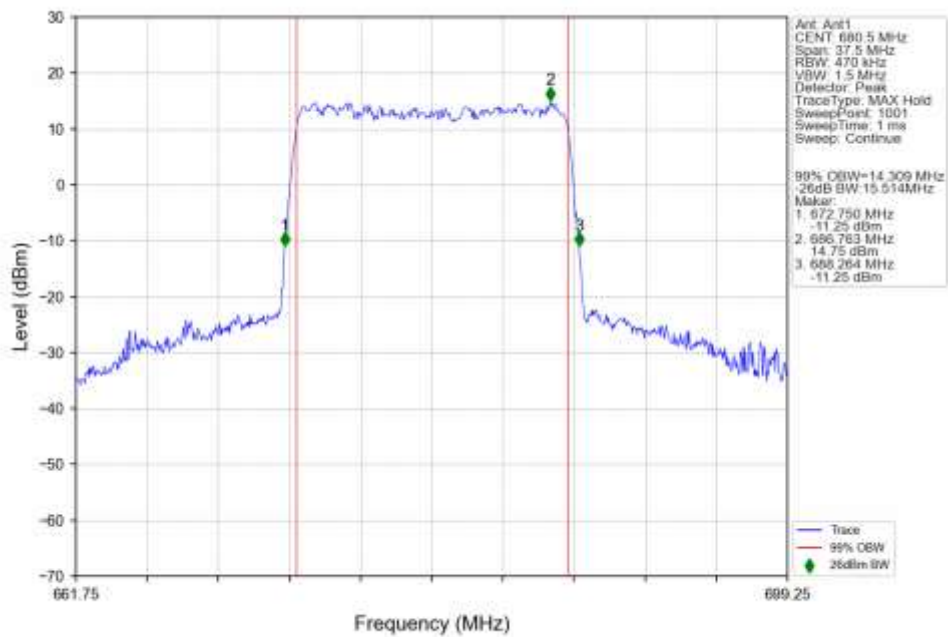
n71 15kHz SISO NTV 15MHz CP-OFDM 16 QAM 690.5MHz Outer Full Ant1



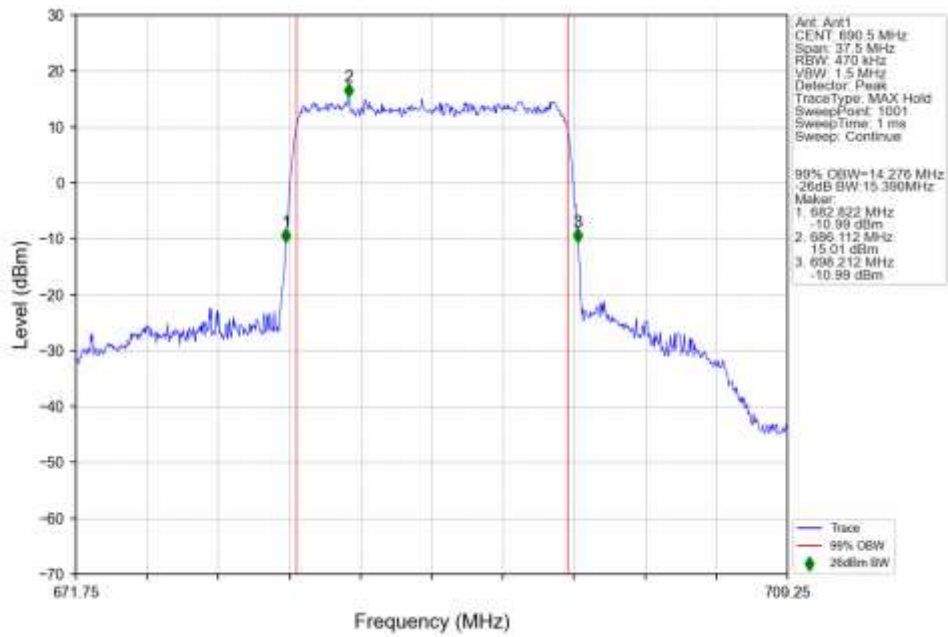
n71 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 670.5MHz Outer Full Ant1



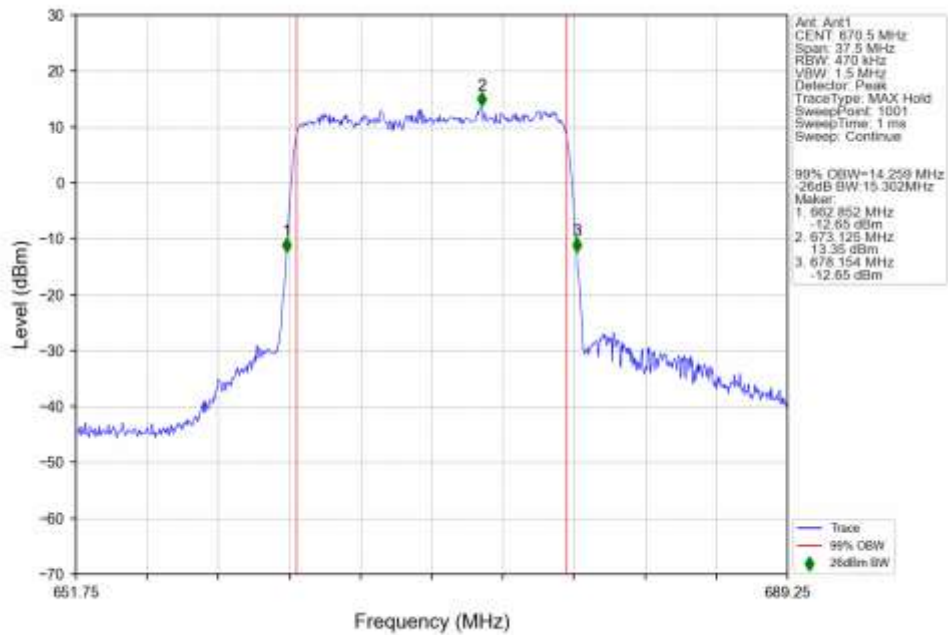
n71 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



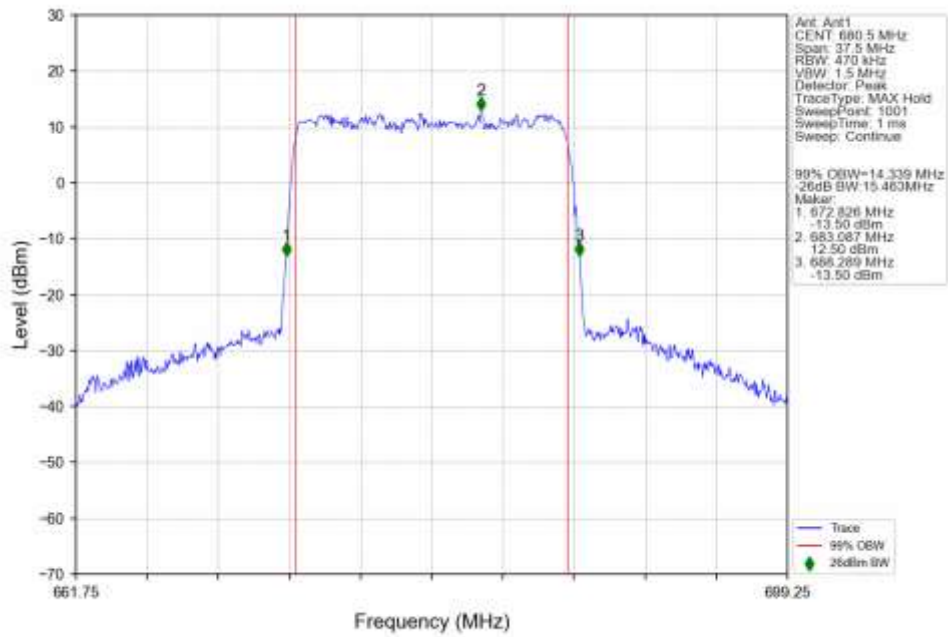
n71 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 690.5MHz Outer Full Ant1



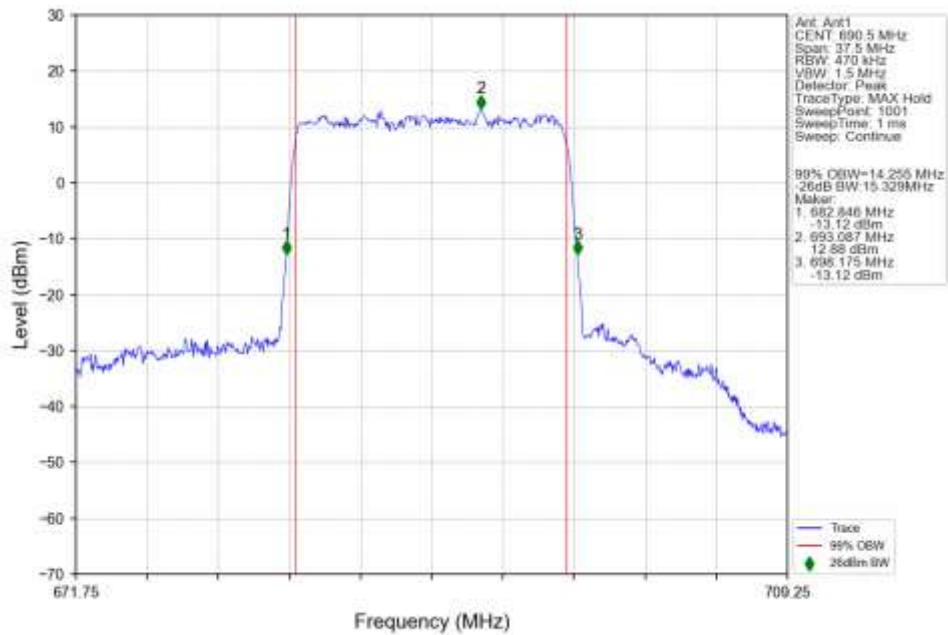
n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 670.5MHz Outer Full Ant1



n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1

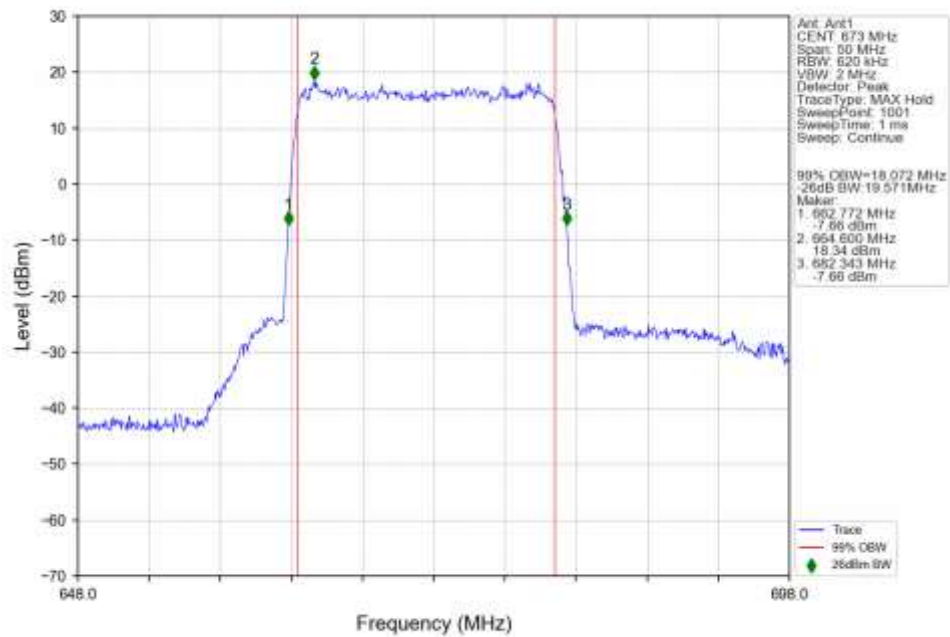


n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 690.5MHz Outer Full Ant1

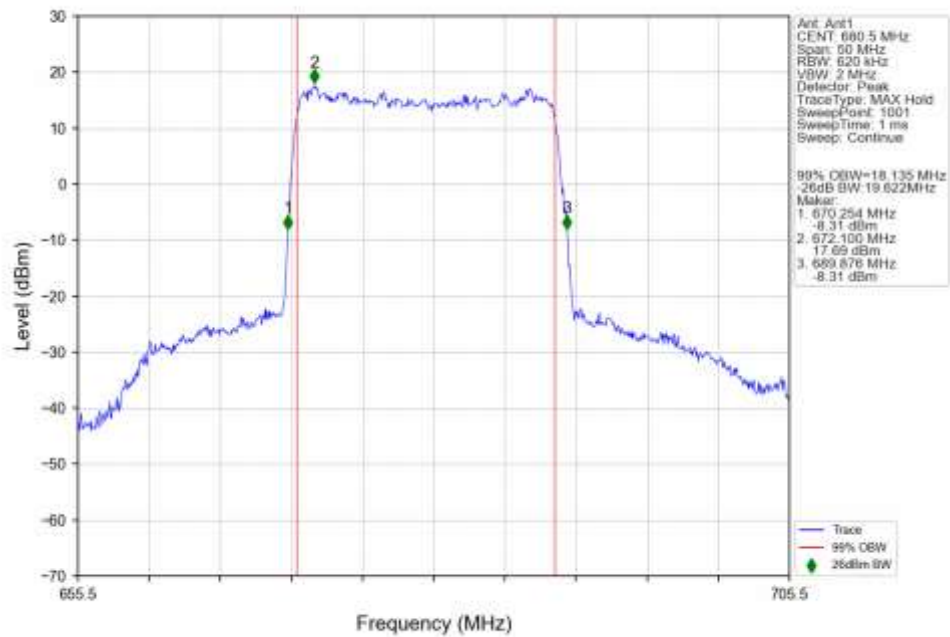


4.2.4 15k_SISO_20MHz_NTNV

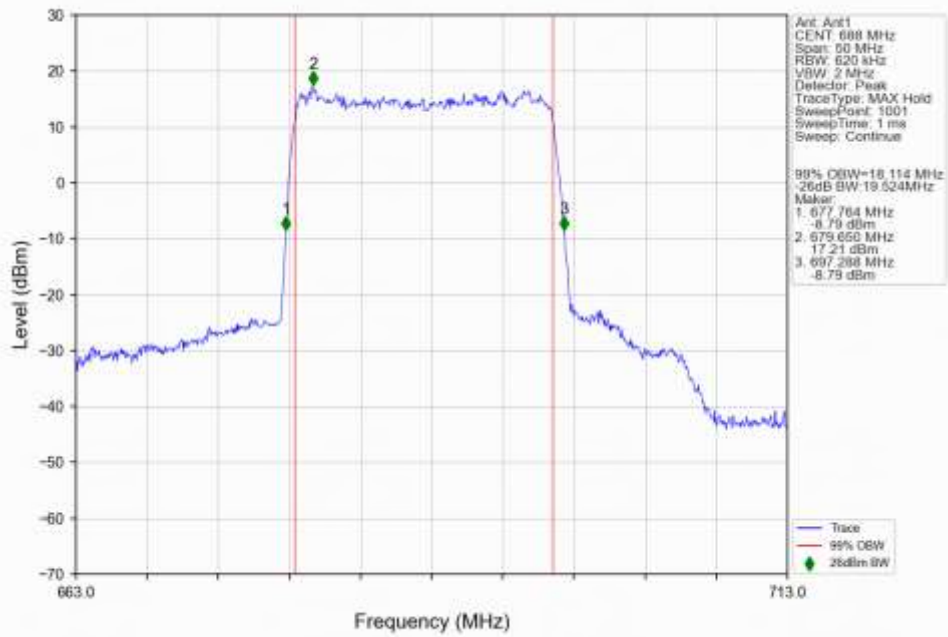
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_673MHz_Outer_Full_Ant1



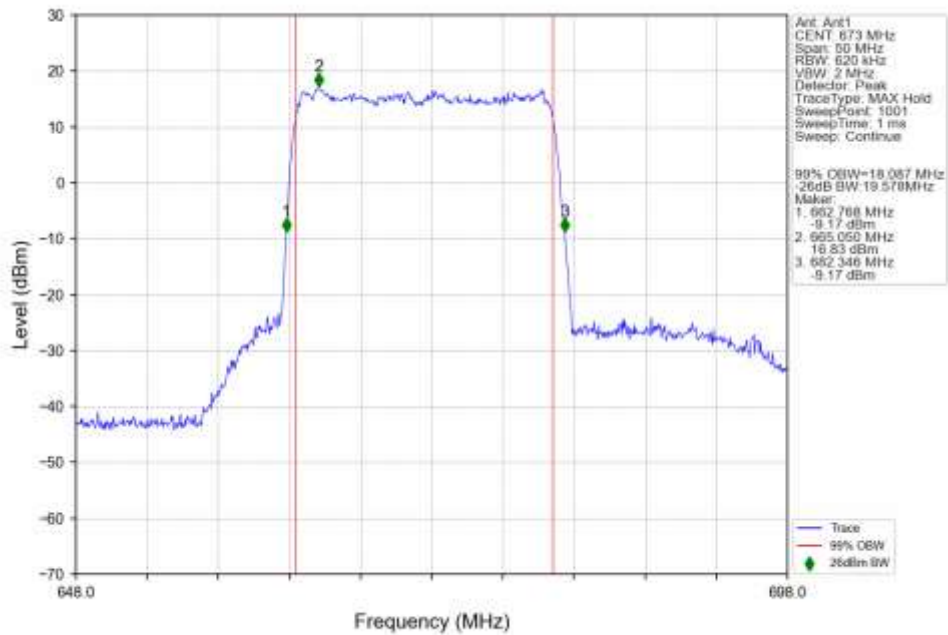
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant1



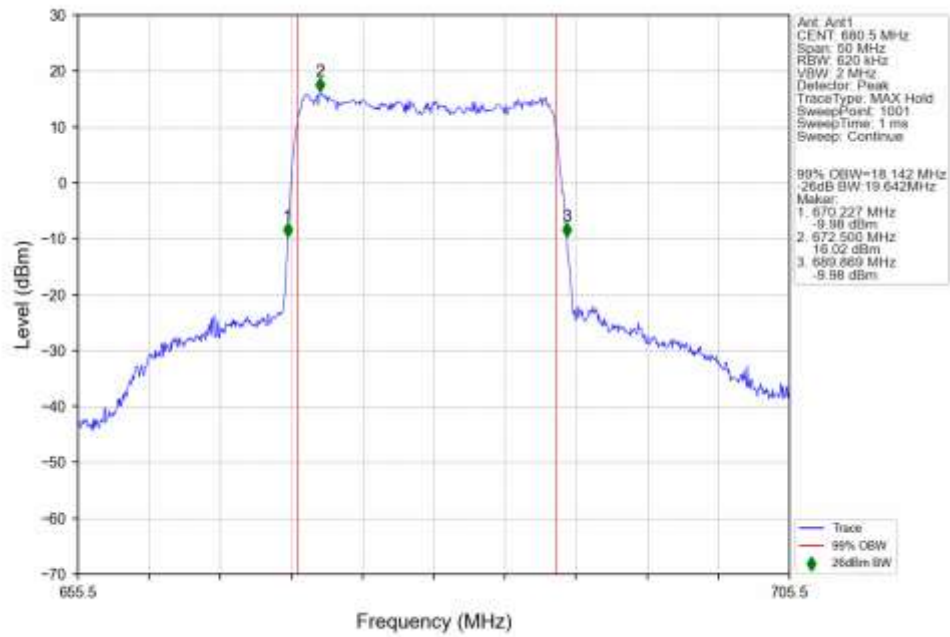
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Outer Full Ant1



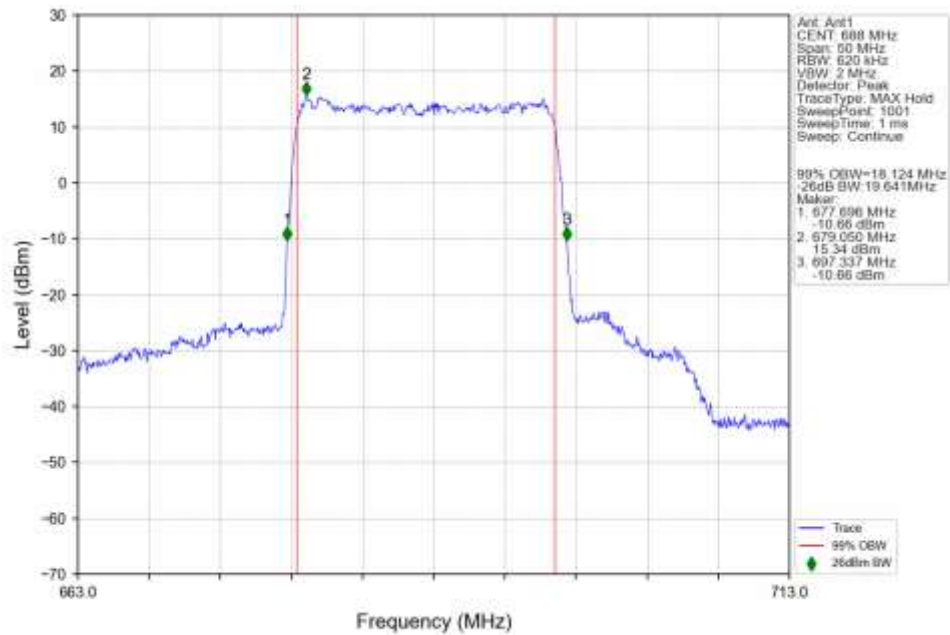
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 673MHz Outer Full Ant1



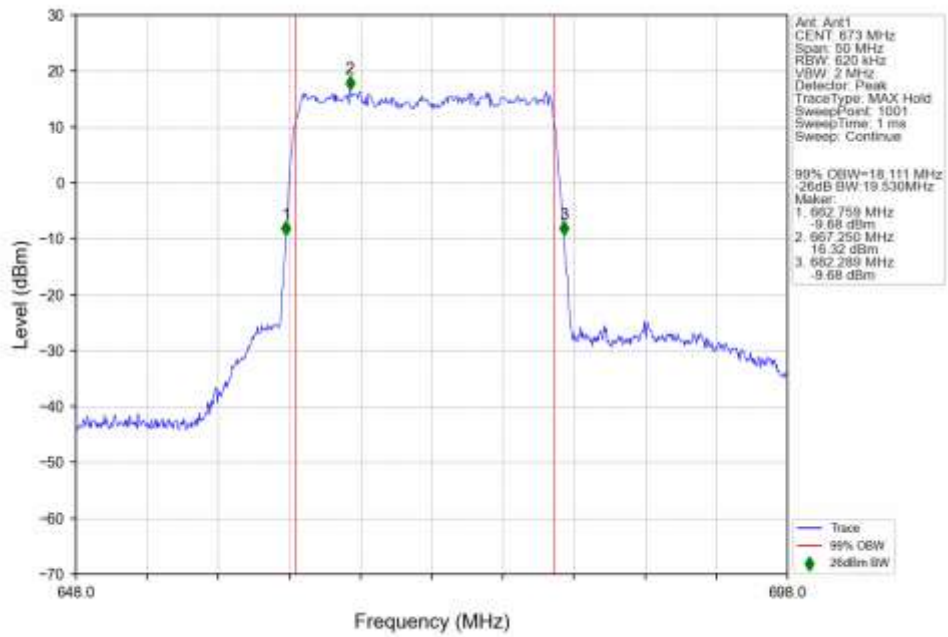
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



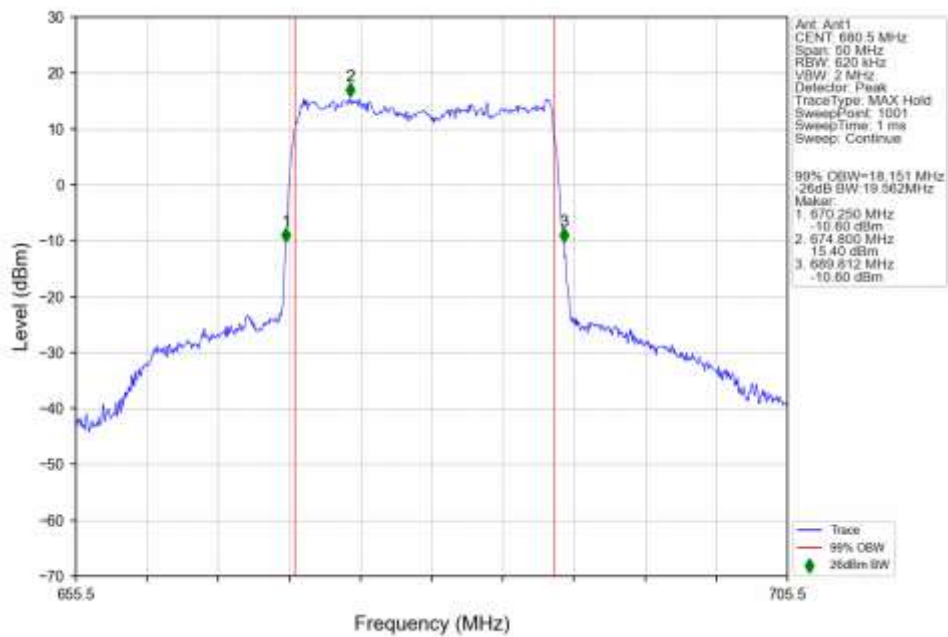
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 688MHz Outer Full Ant1



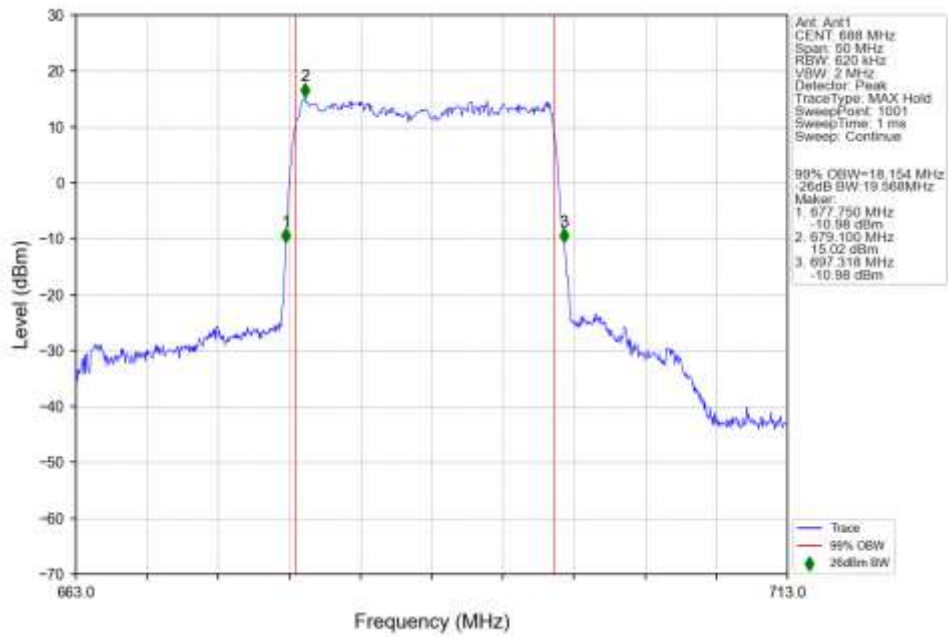
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 673MHz Outer Full Ant1



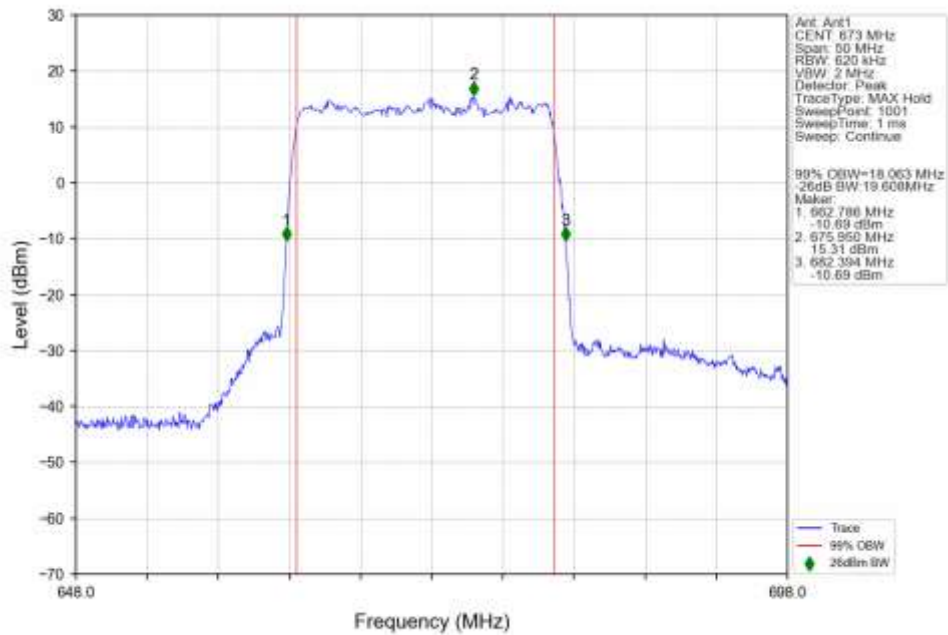
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



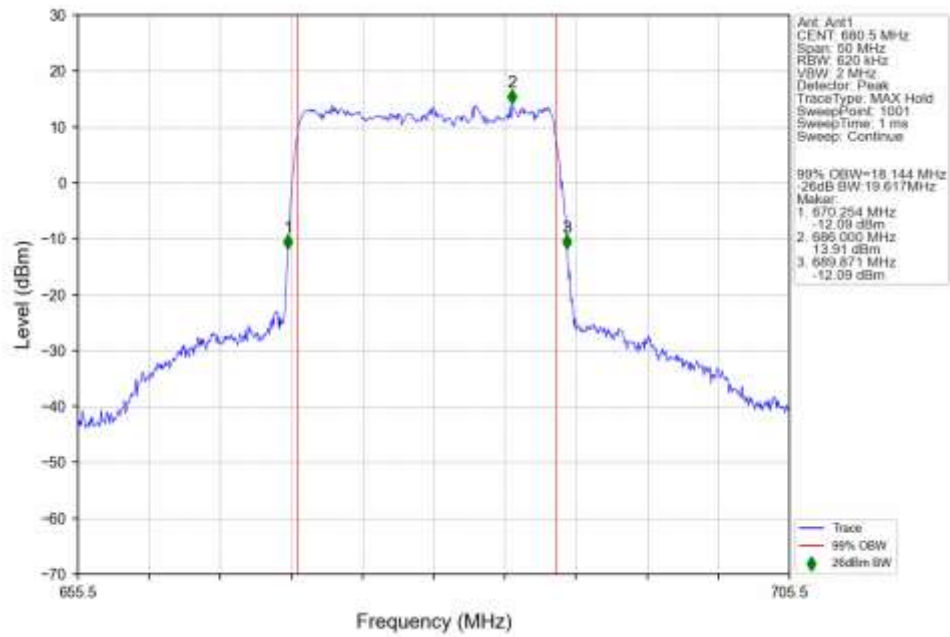
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 688MHz Outer Full Ant1



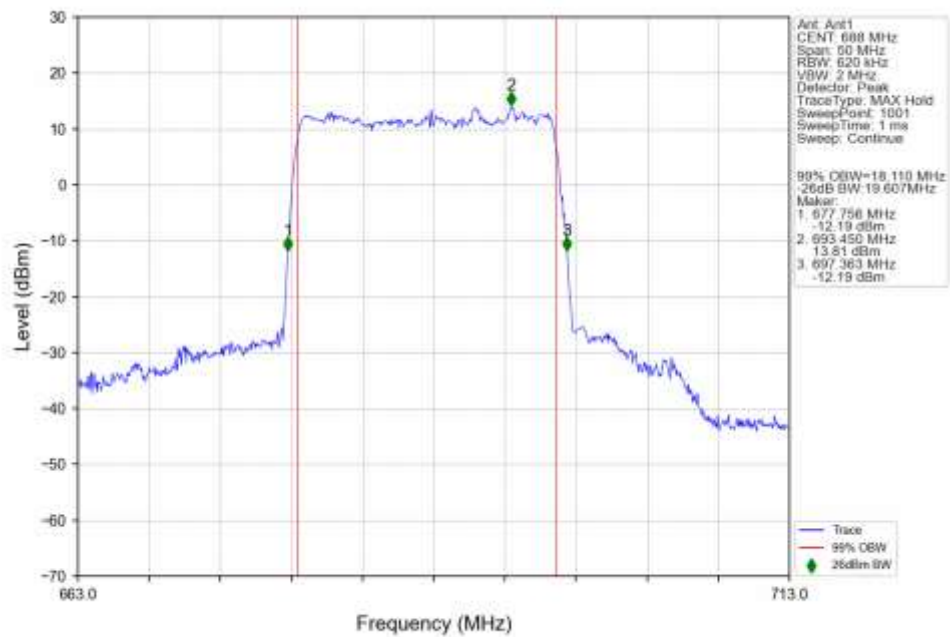
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 673MHz Outer Full Ant1



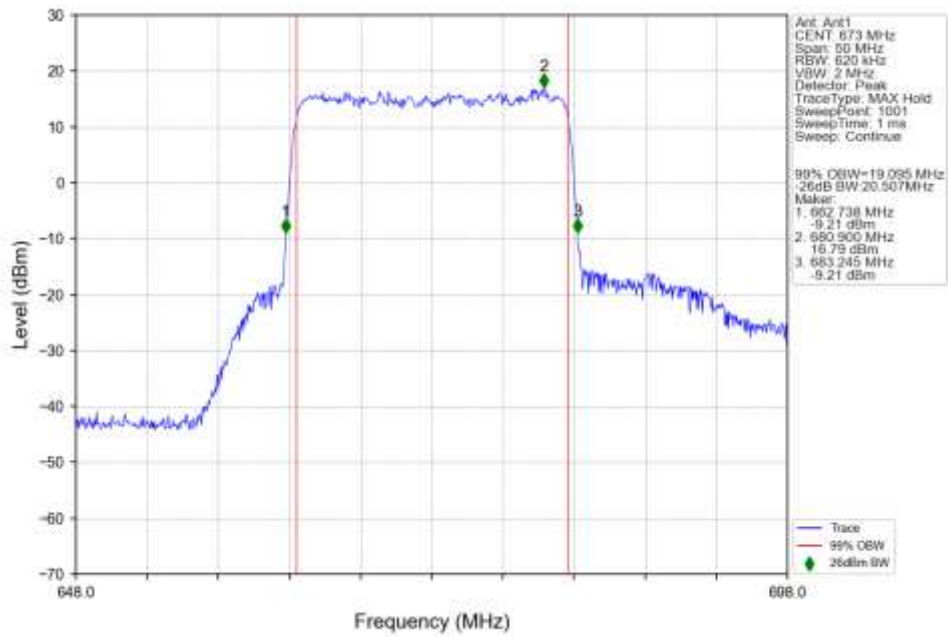
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



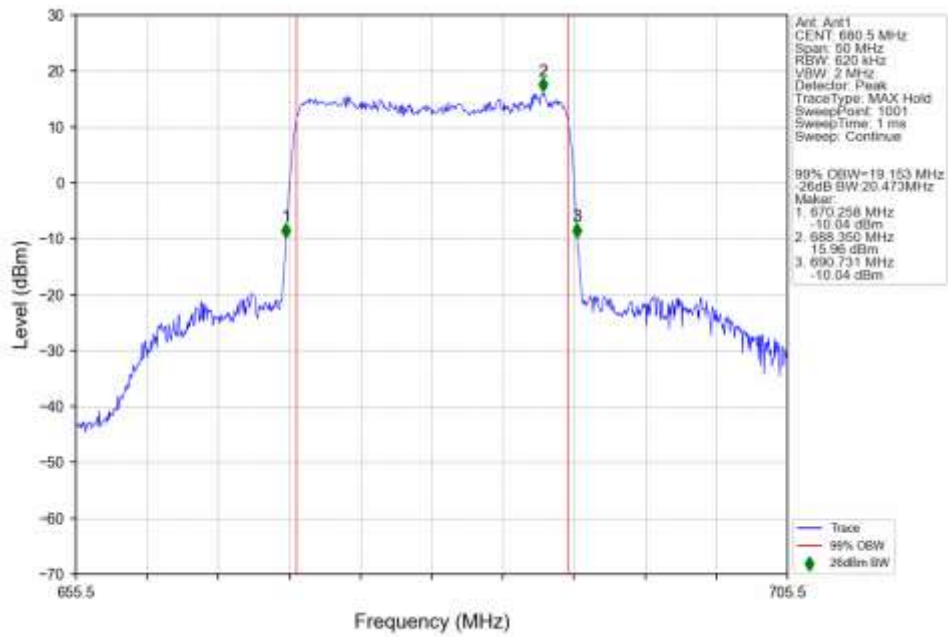
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 688MHz Outer Full Ant1



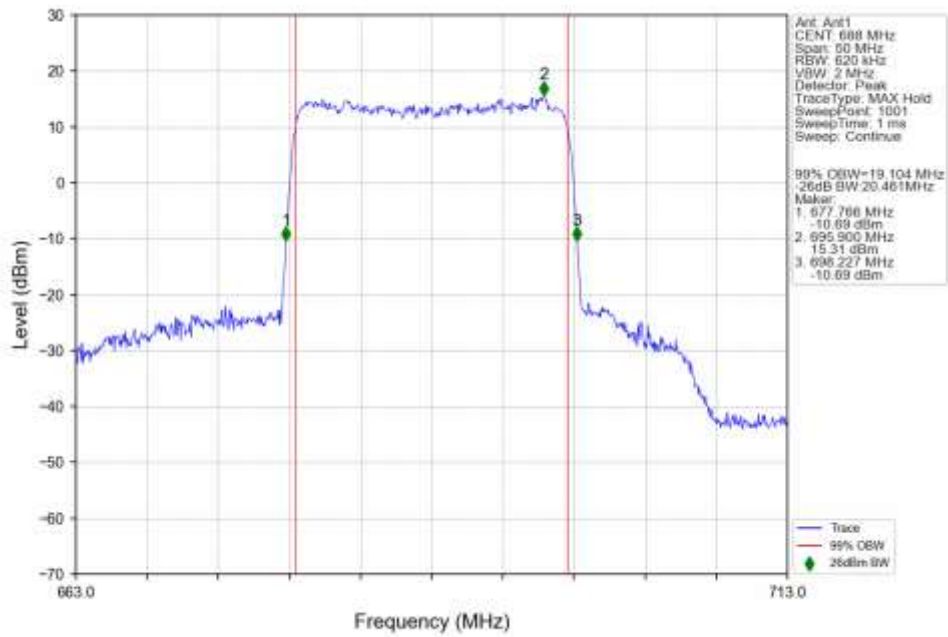
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 673MHz Outer Full Ant1



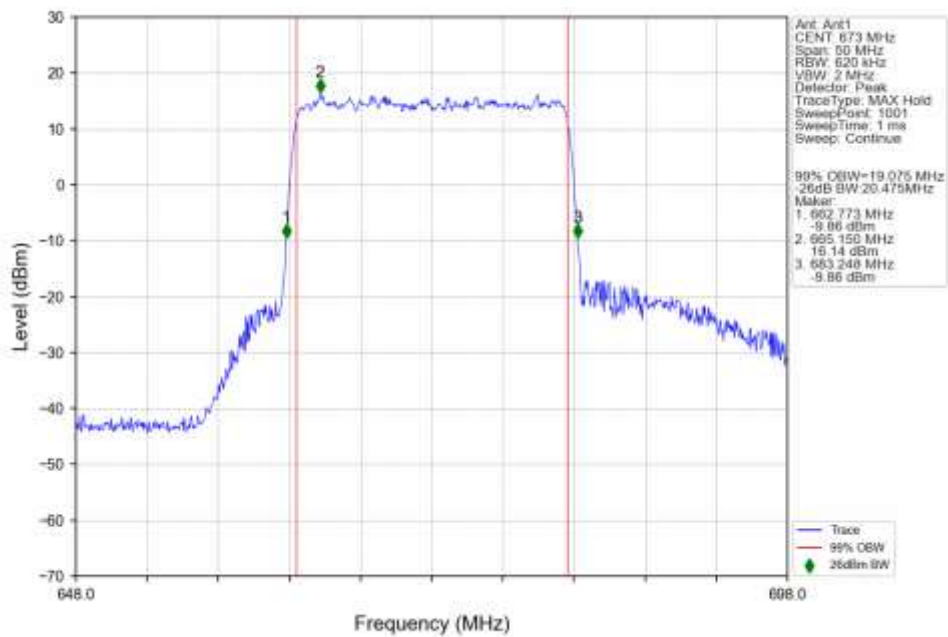
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



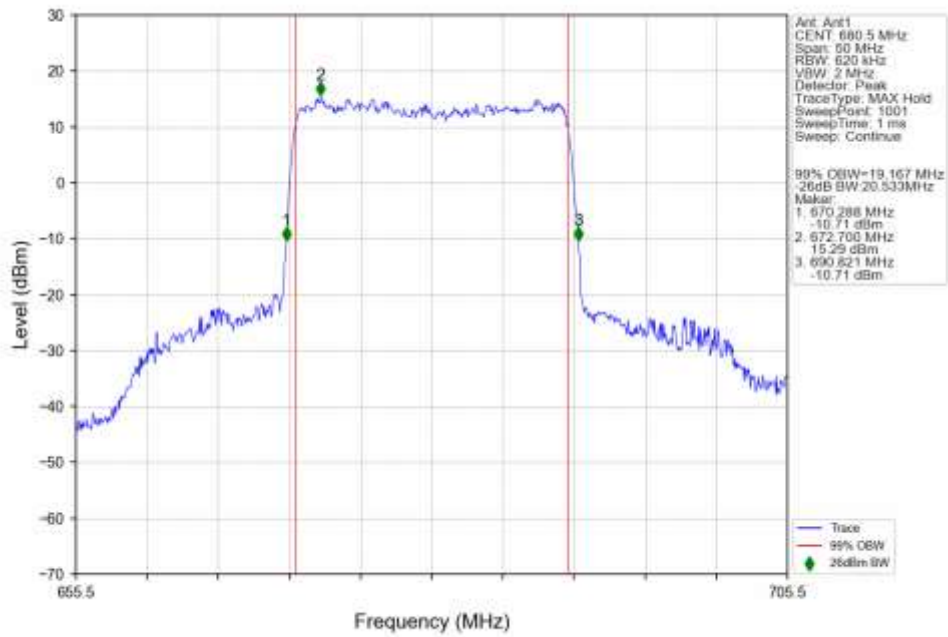
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Outer Full Ant1



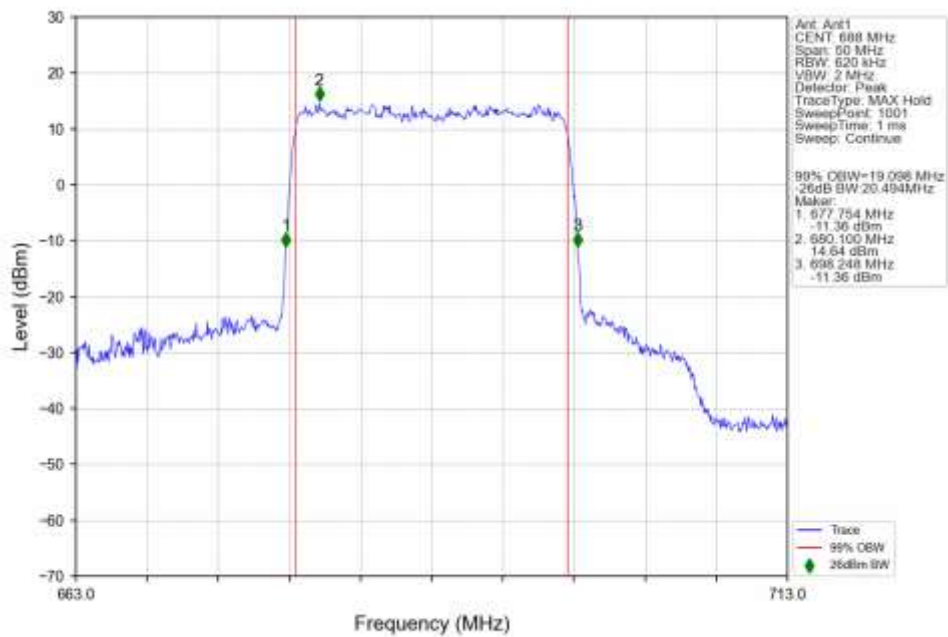
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 673MHz Outer Full Ant1



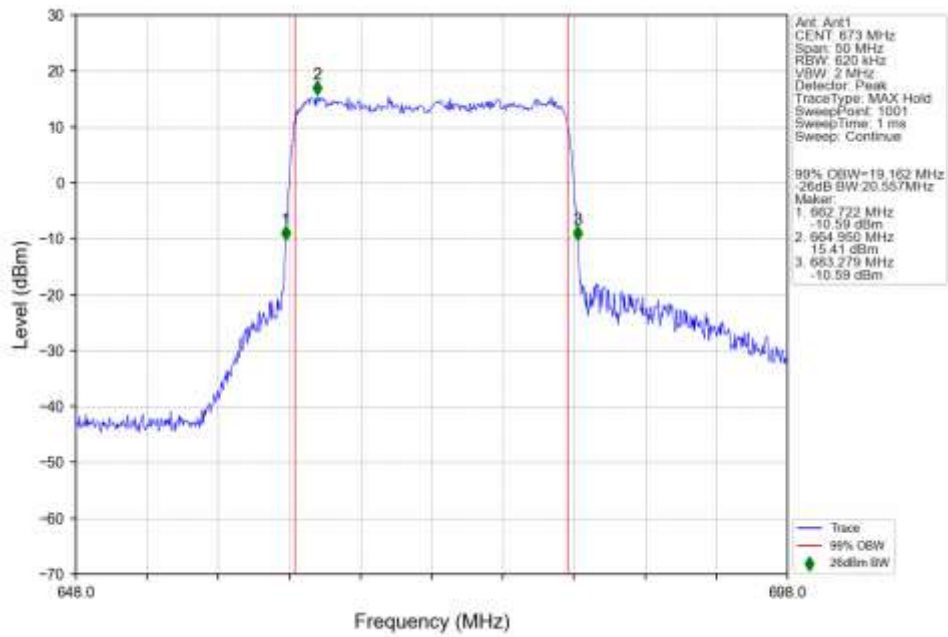
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



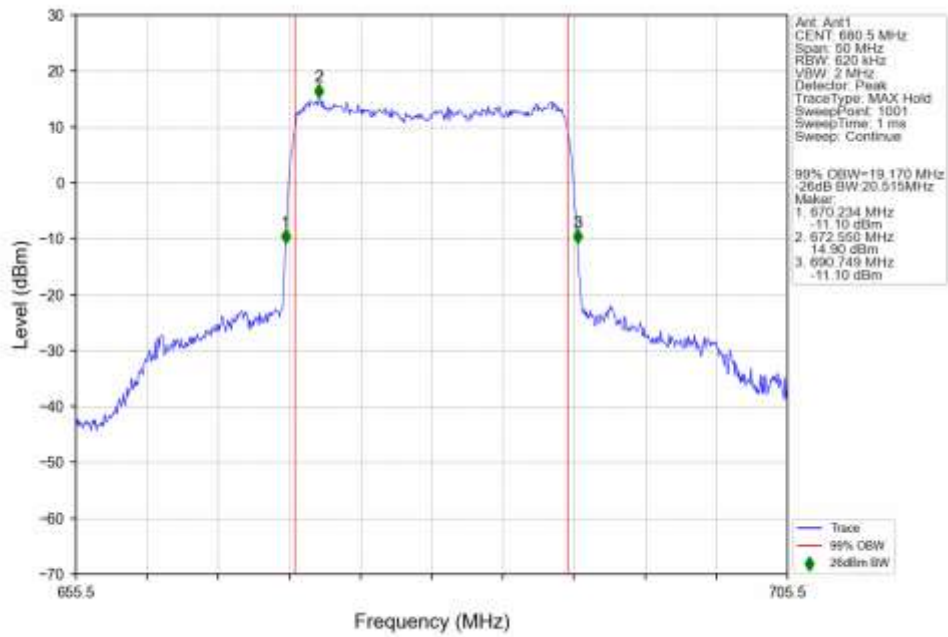
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 688MHz Outer Full Ant1



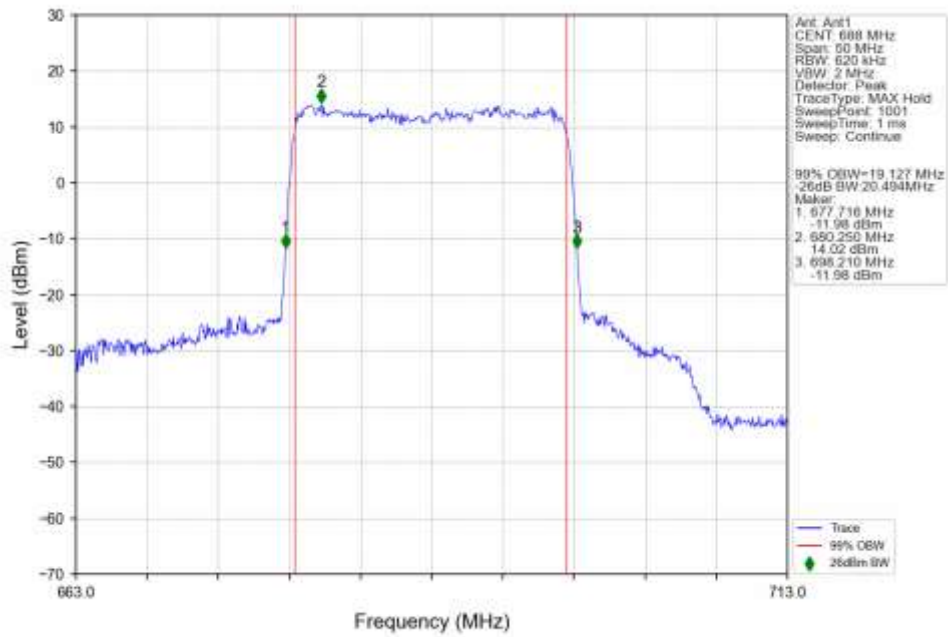
n71 15kHz SISO NTV 20MHz CP-OFDM 64 QAM 673MHz Outer Full Ant1



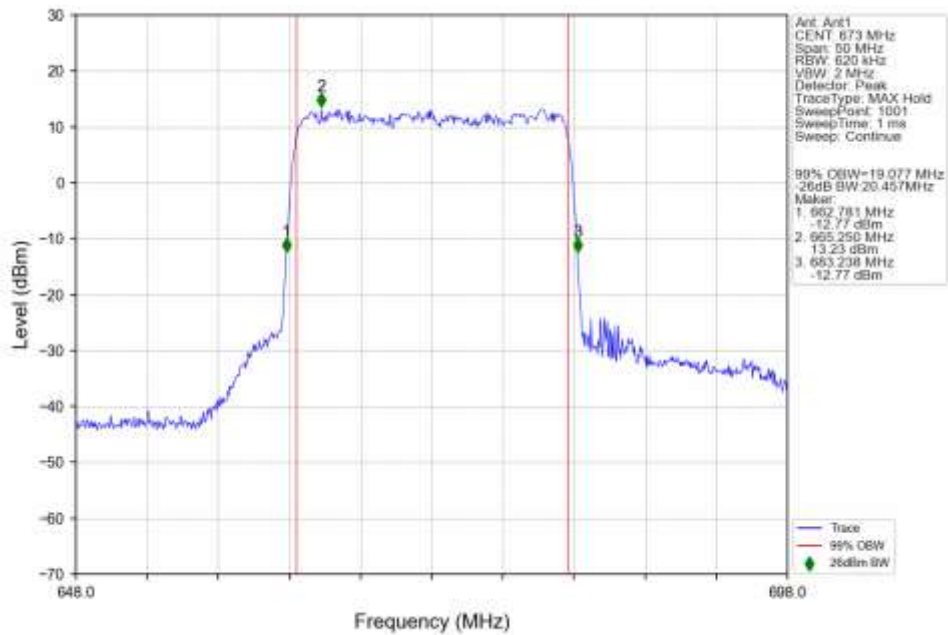
n71 15kHz SISO NTV 20MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



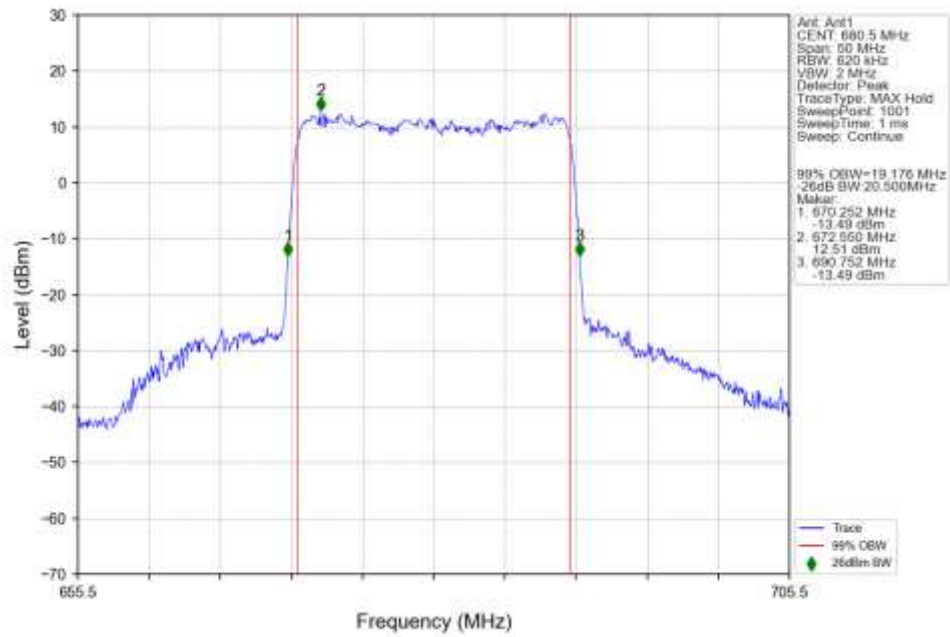
n71 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 688MHz Outer Full Ant1



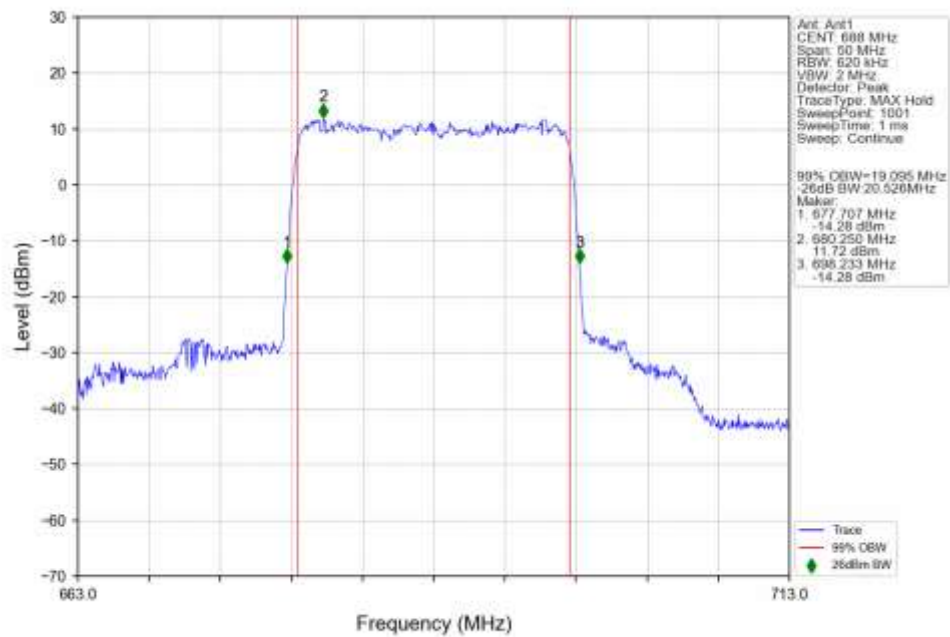
n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 673MHz Outer Full Ant1



n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1

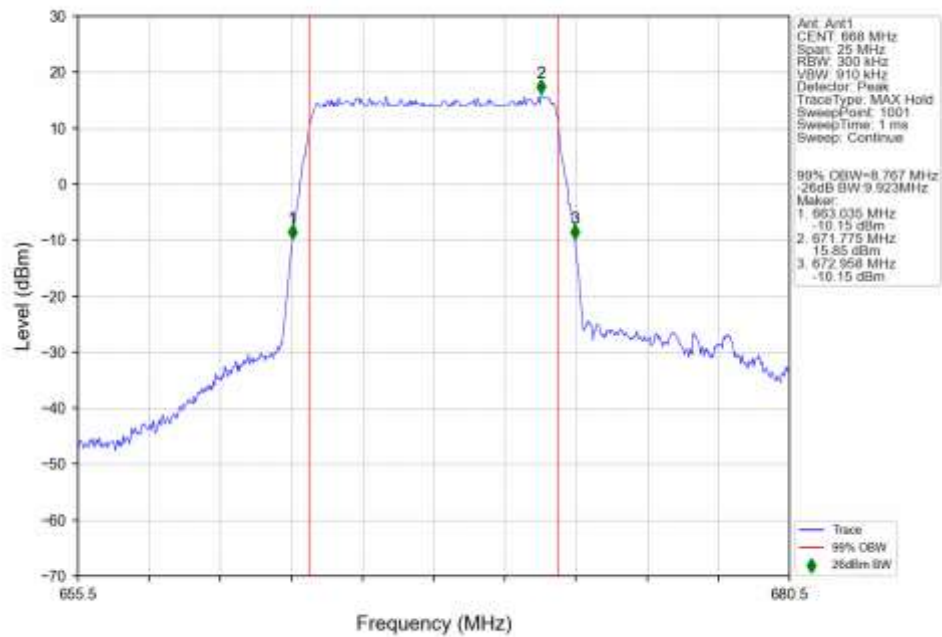


n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 688MHz Outer Full Ant1

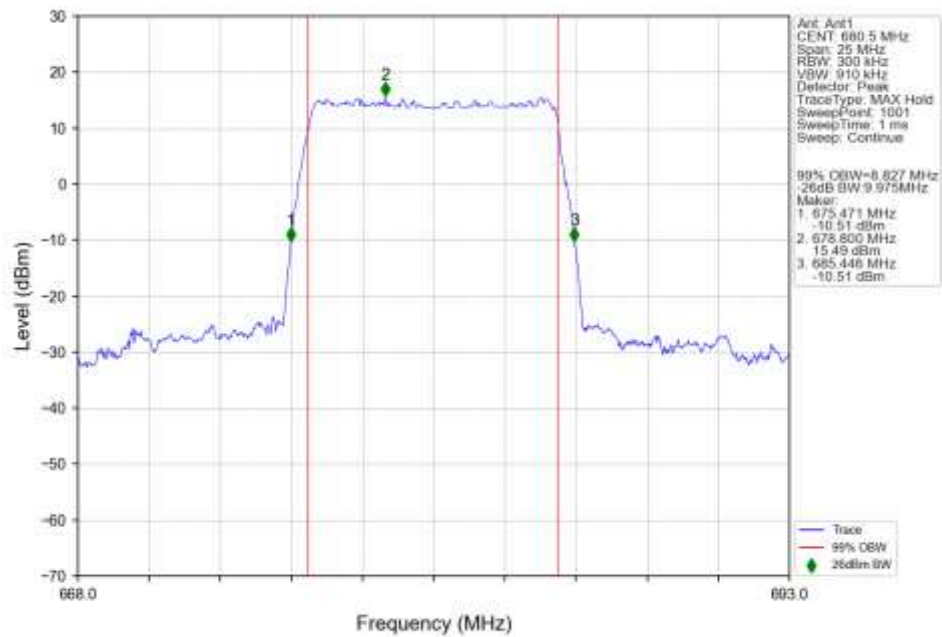


4.2.5 30k_SISO_10MHz_NTNV

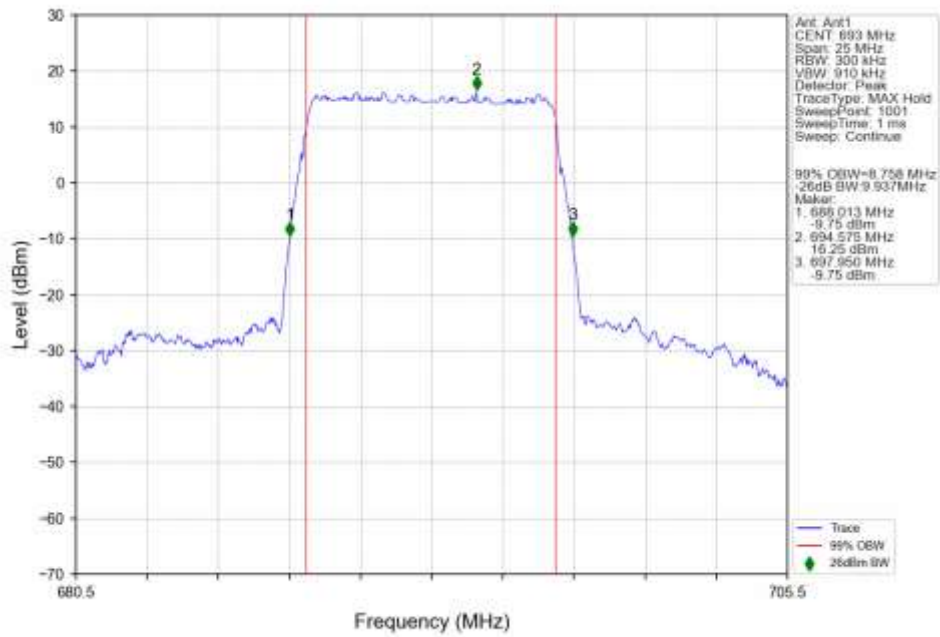
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_668MHz_Outer_Full_Ant1



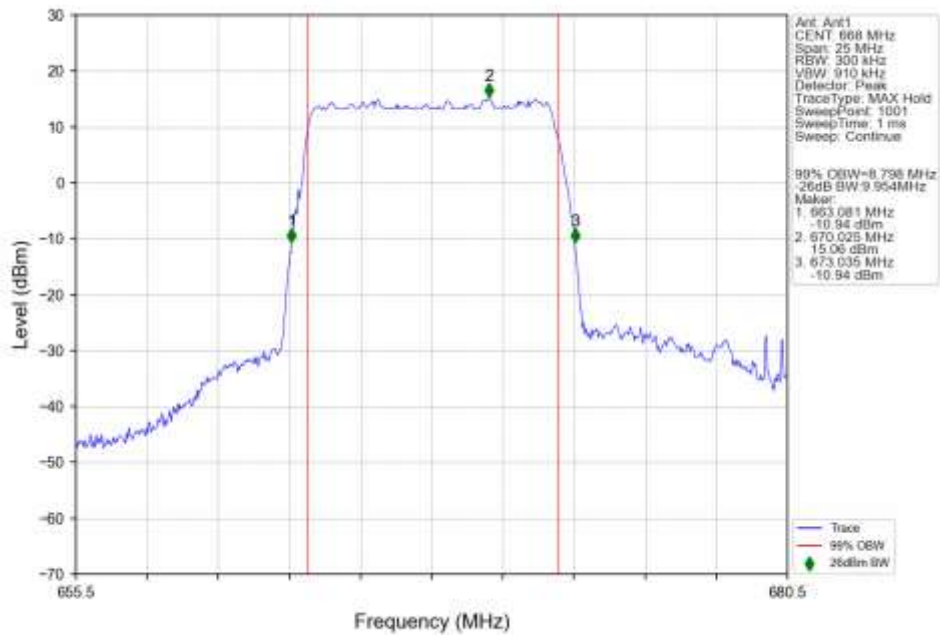
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant1



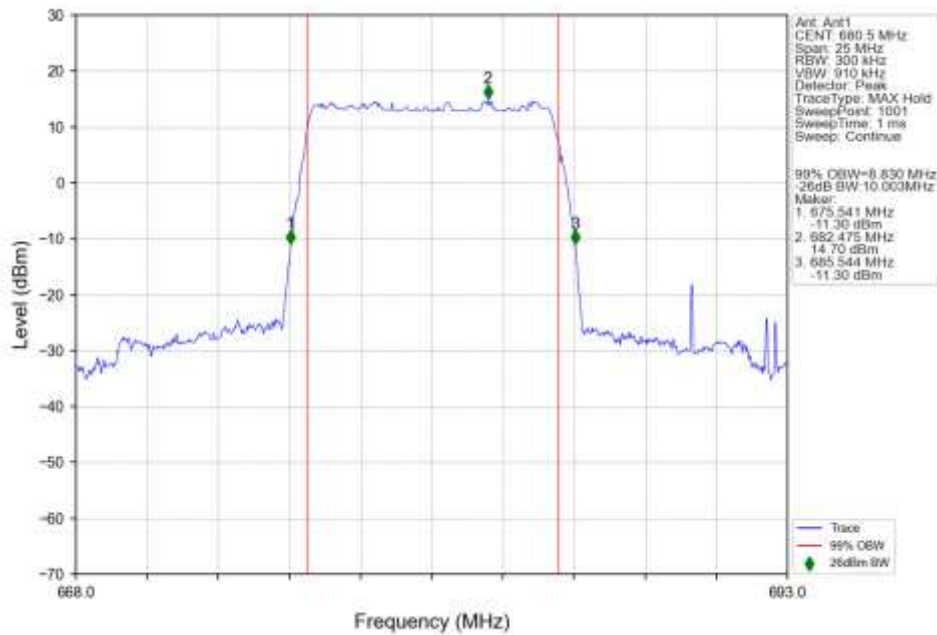
n71 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Outer Full Ant1



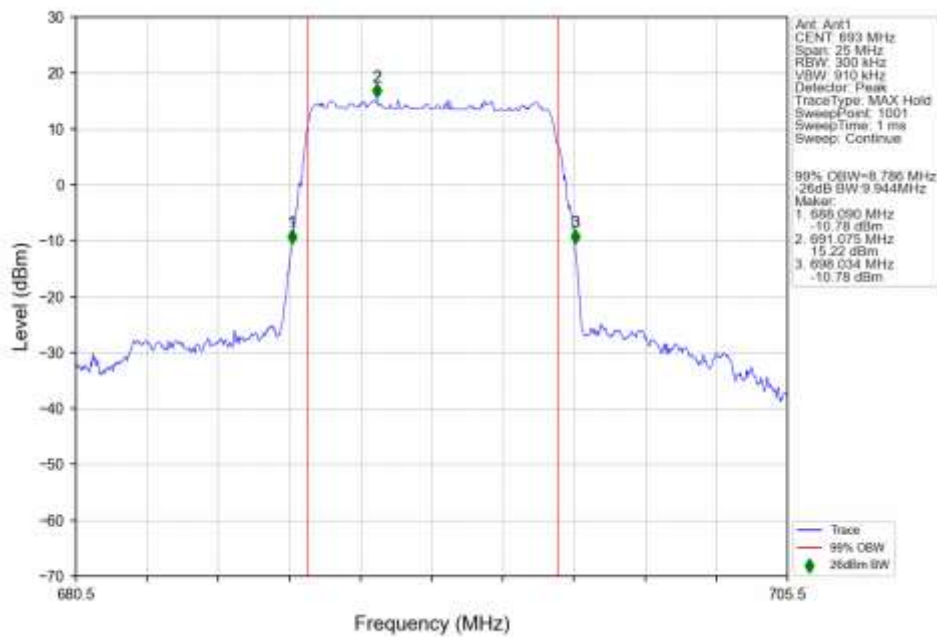
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 668MHz Outer Full Ant1



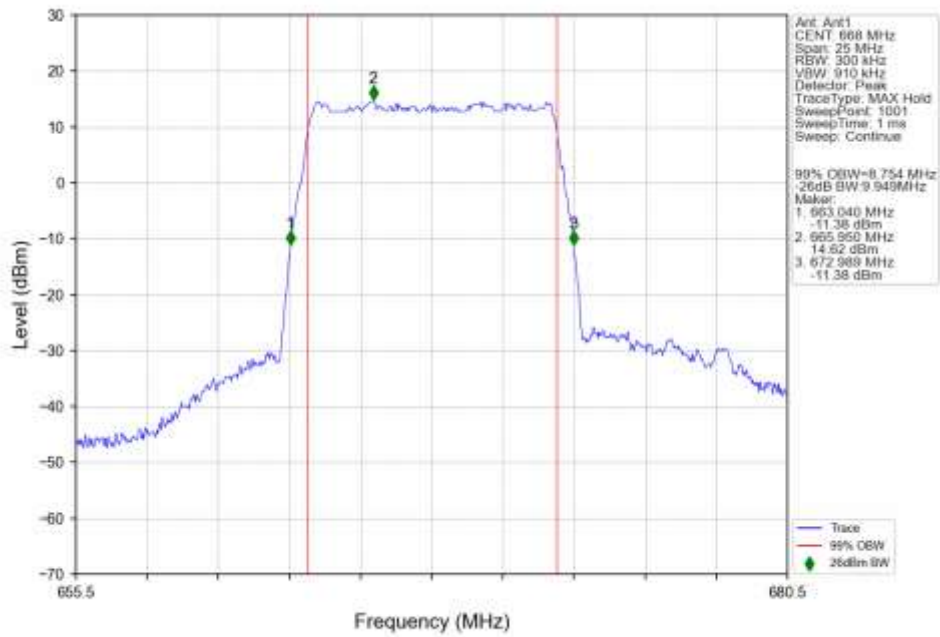
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



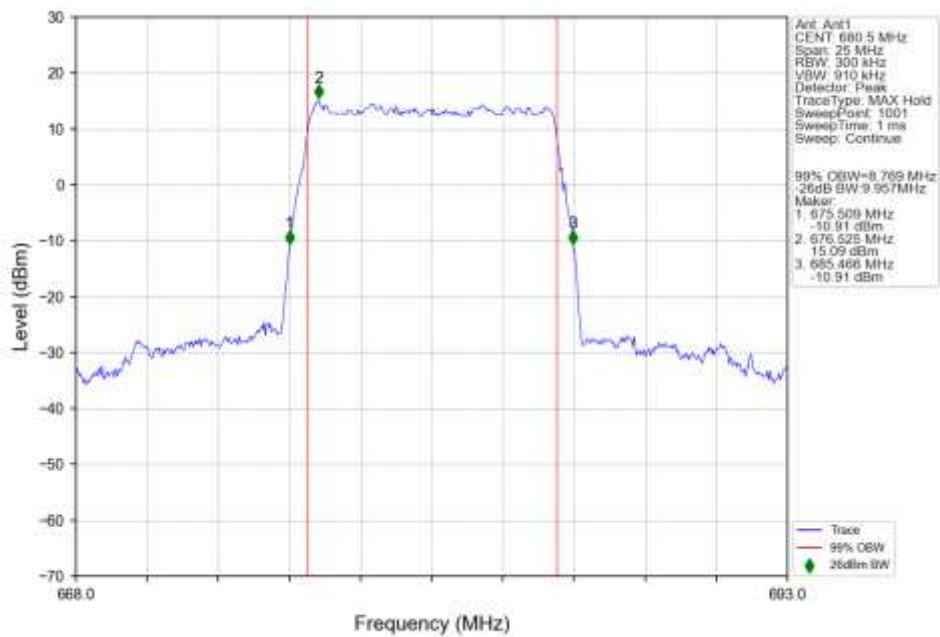
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 693MHz Outer Full Ant1



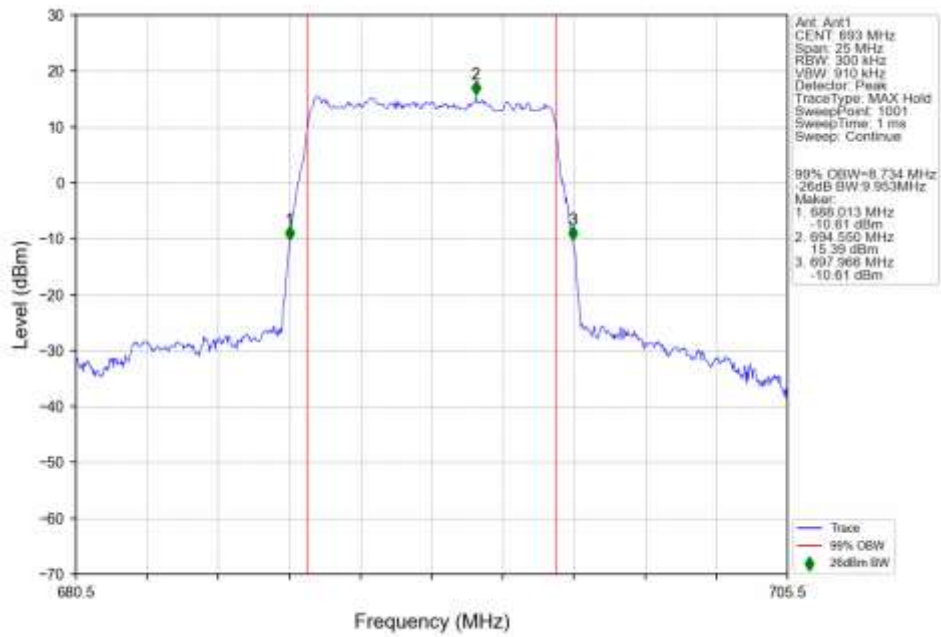
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_668MHz_Outer_Full_Ant1



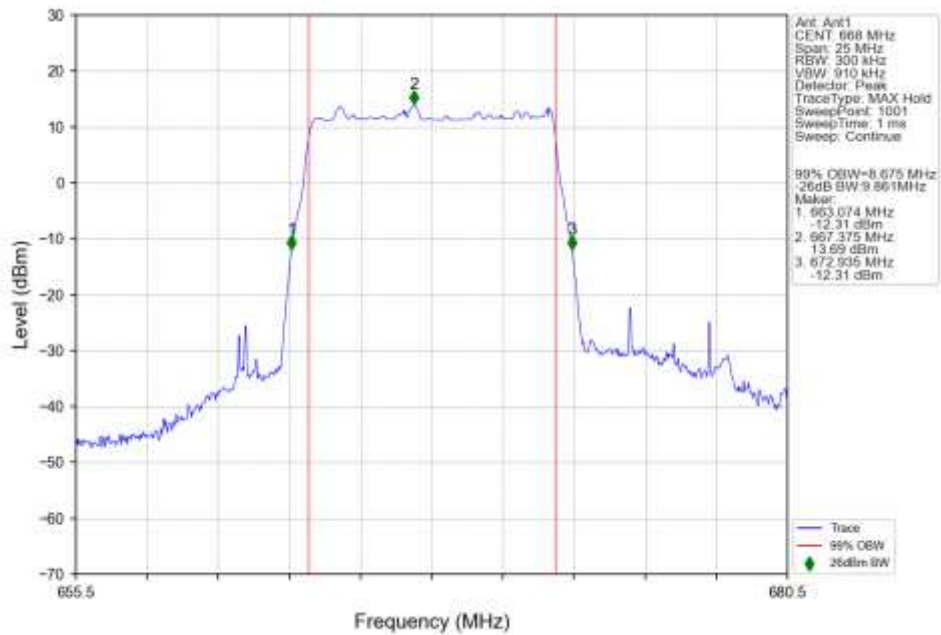
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



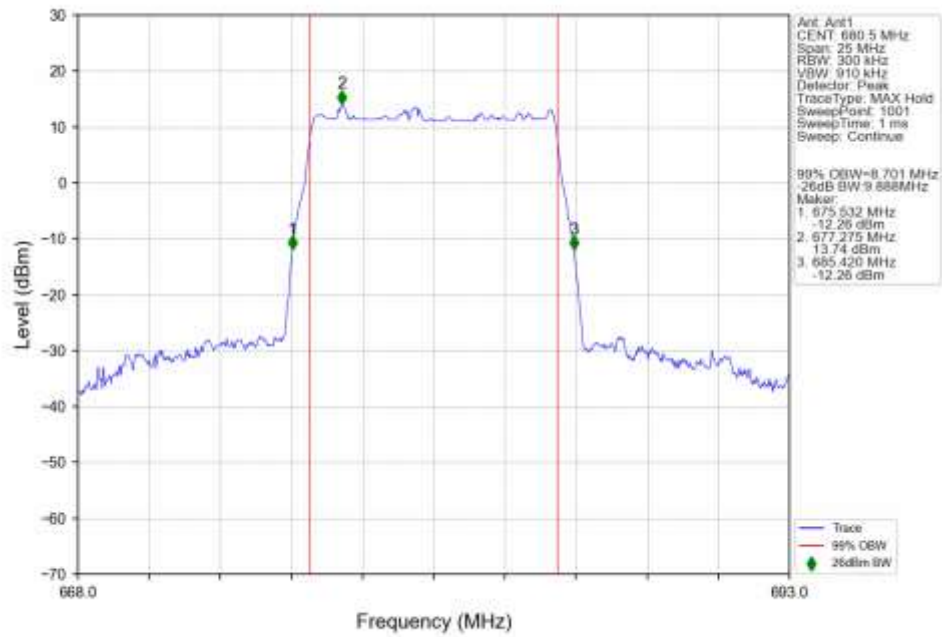
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 693MHz Outer Full Ant1



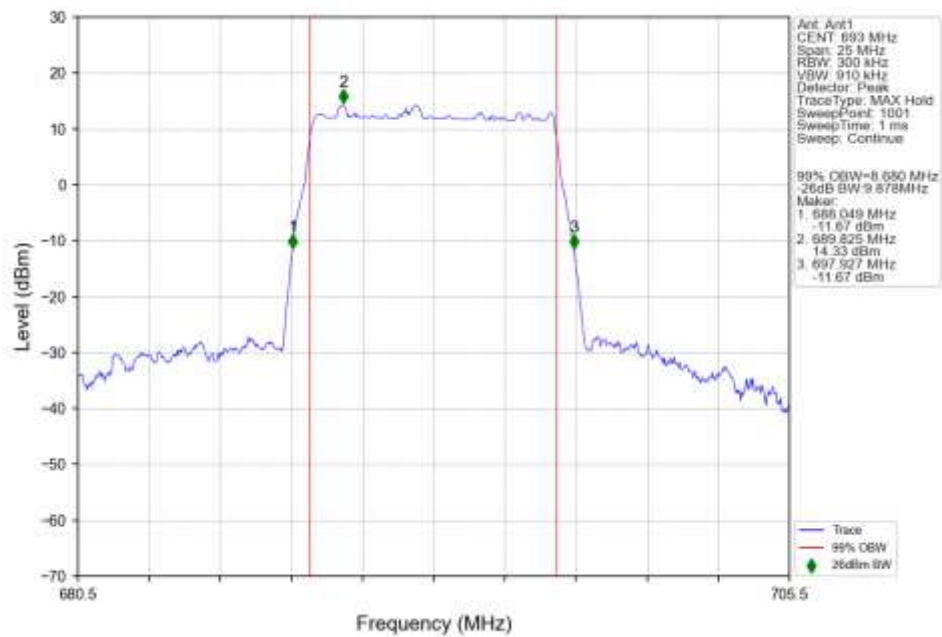
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 668MHz Outer Full Ant1



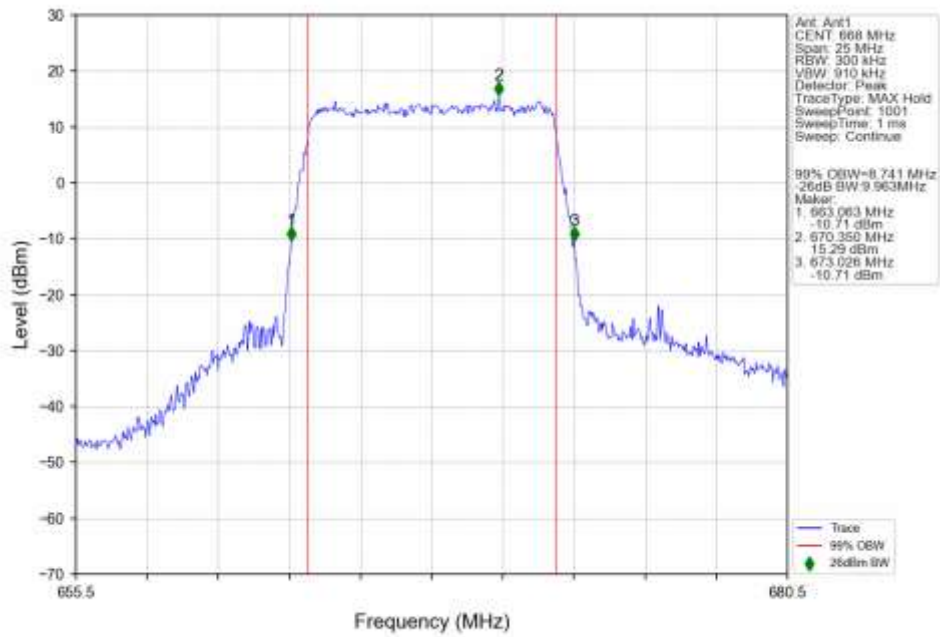
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



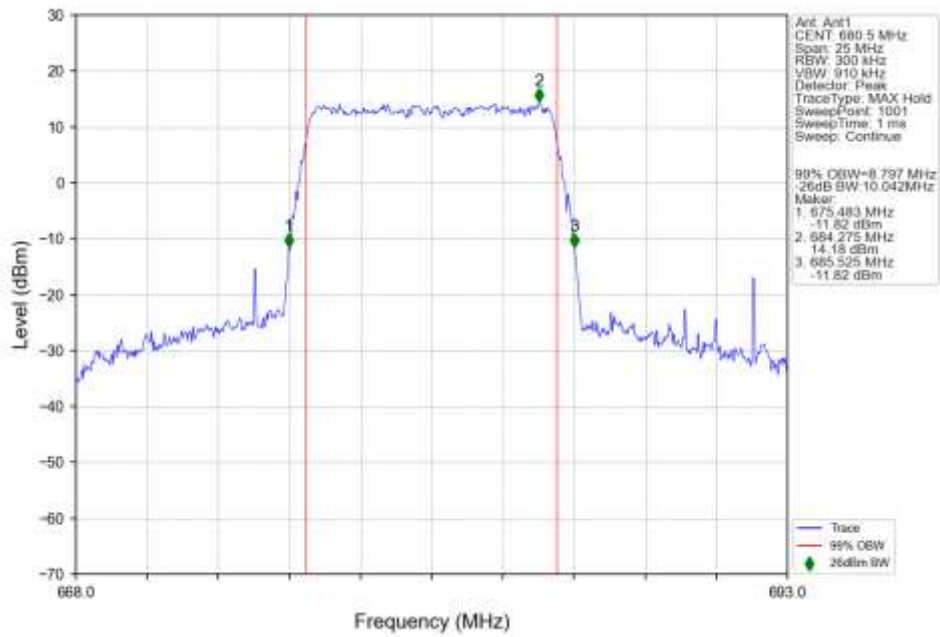
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 693MHz Outer Full Ant1



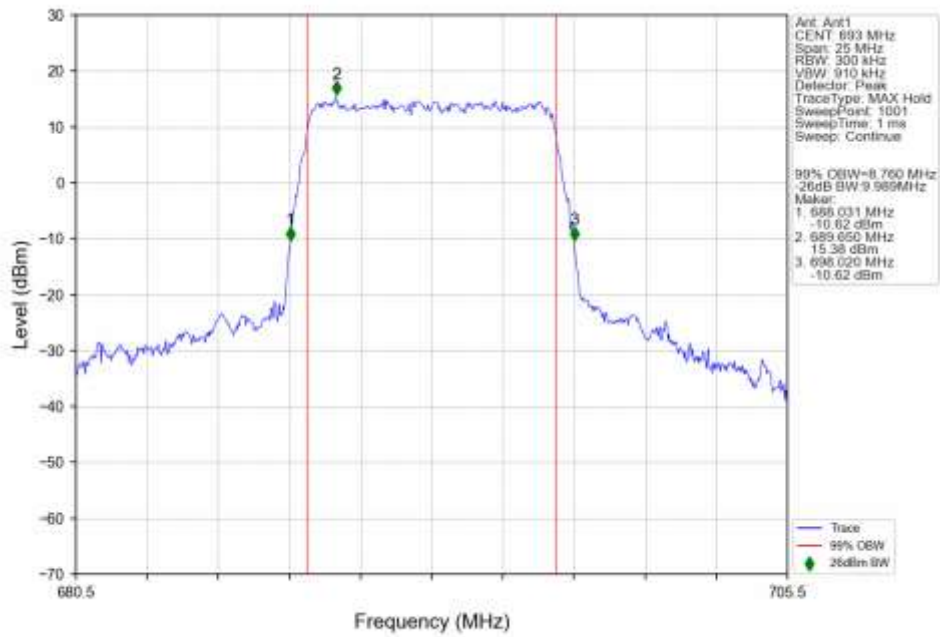
n71 30kHz SISO NTN 10MHz CP-OFDM QPSK 668MHz Outer Full Ant1



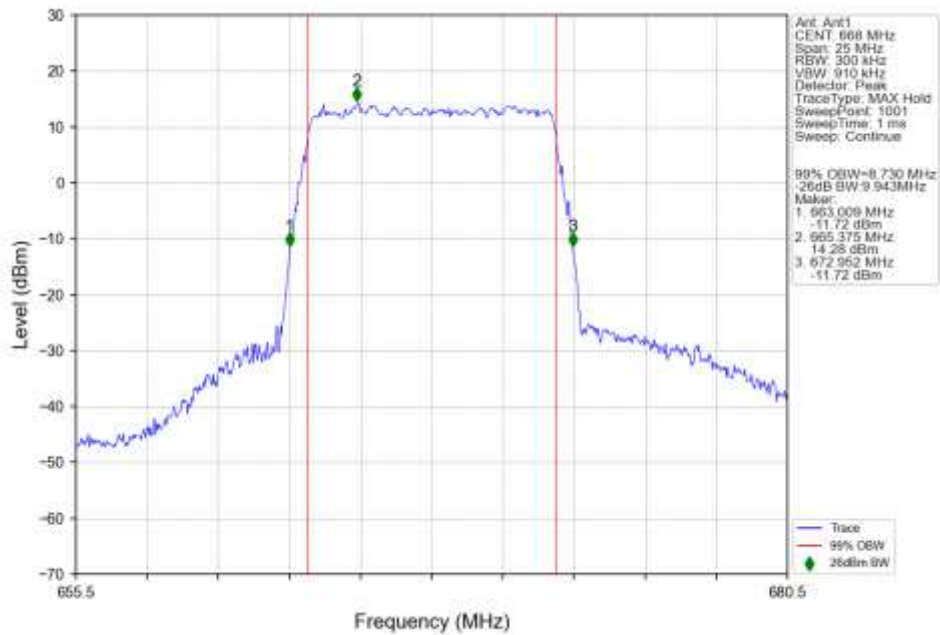
n71 30kHz SISO NTN 10MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



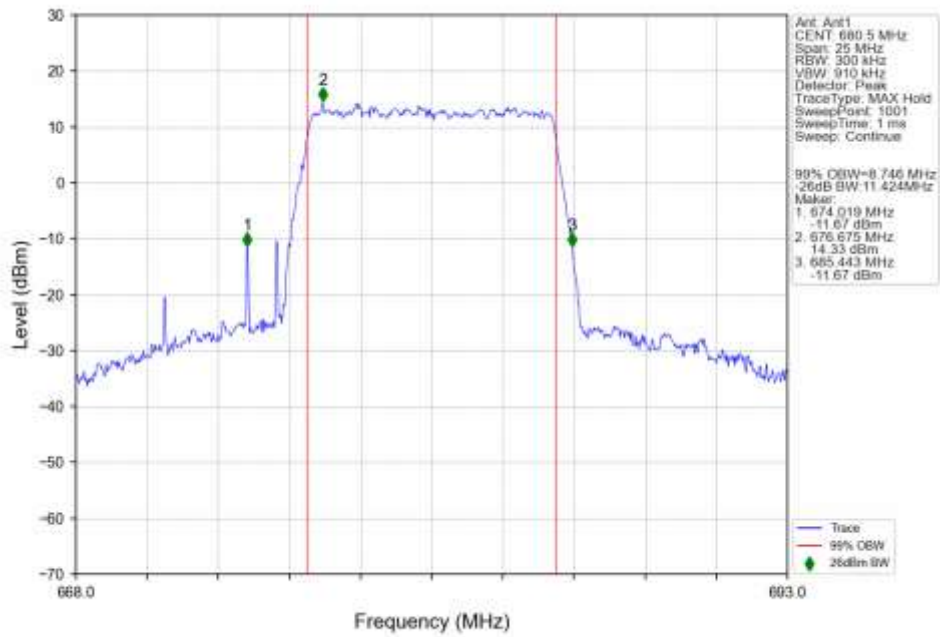
n71 30kHz SISO NTN 10MHz CP-OFDM QPSK 693MHz Outer Full Ant1



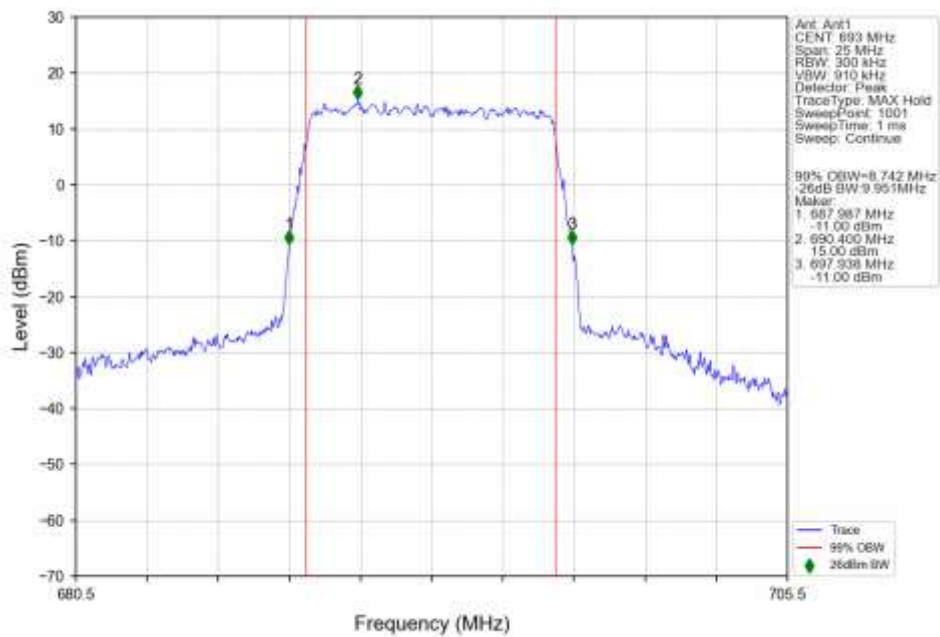
n71 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 668MHz Outer Full Ant1



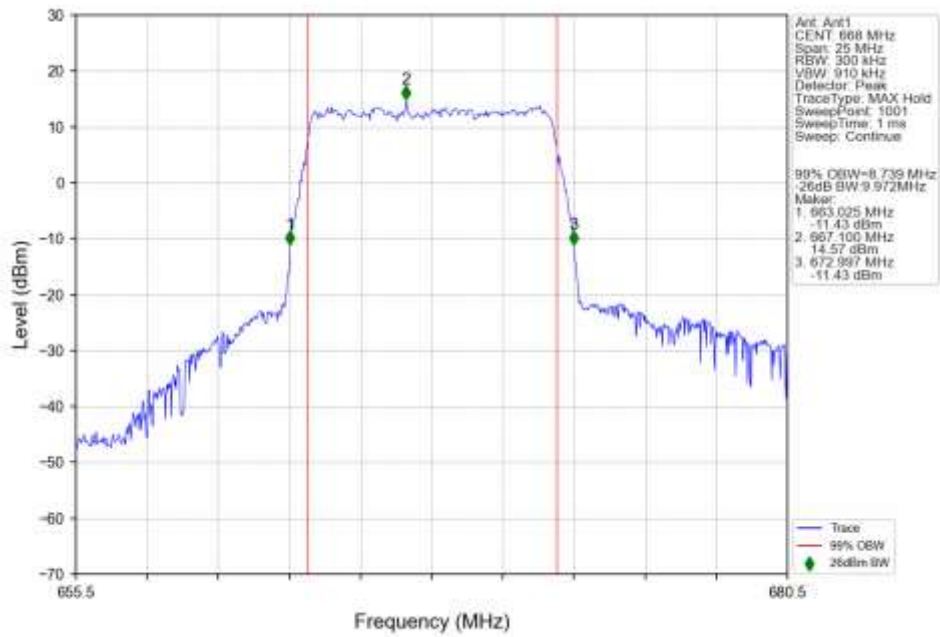
n71 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



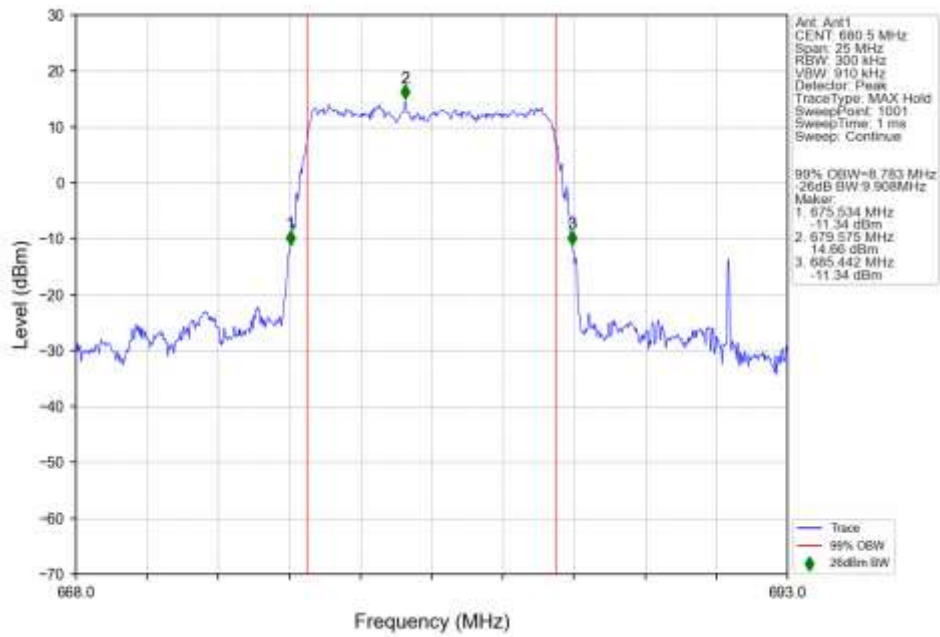
n71 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 693MHz Outer Full Ant1



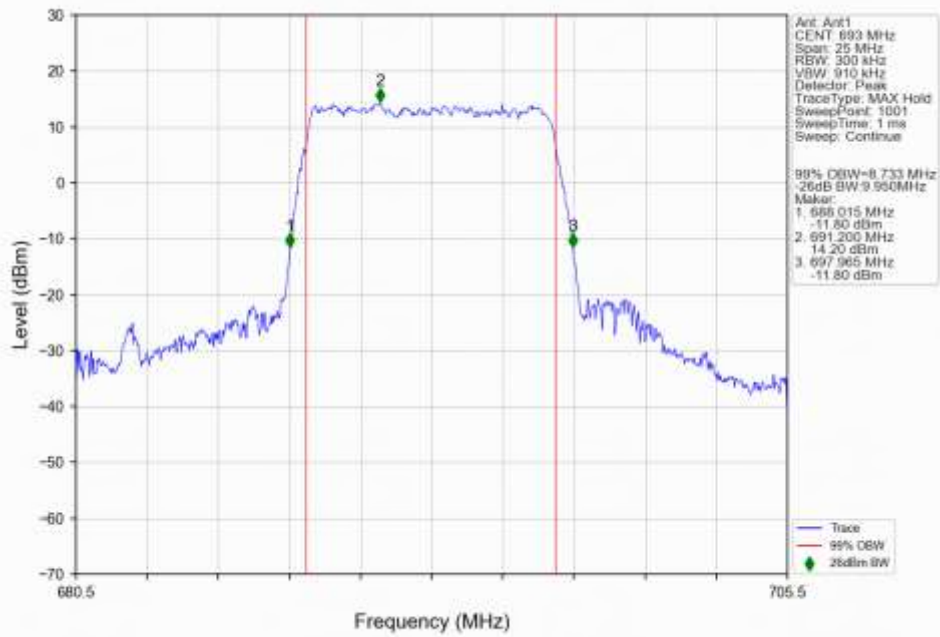
n71_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_668MHz_Outer_Full_Ant1



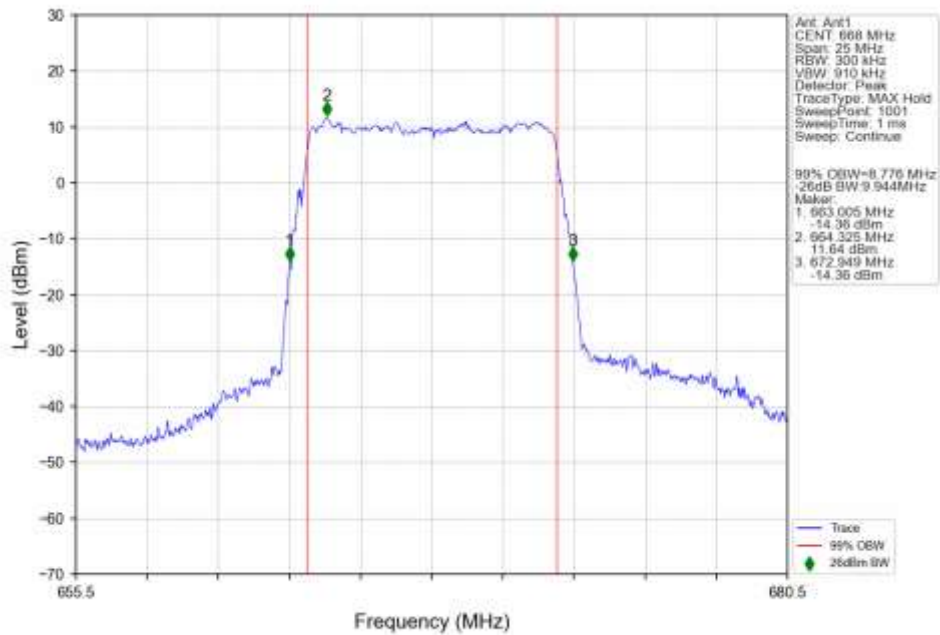
n71_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



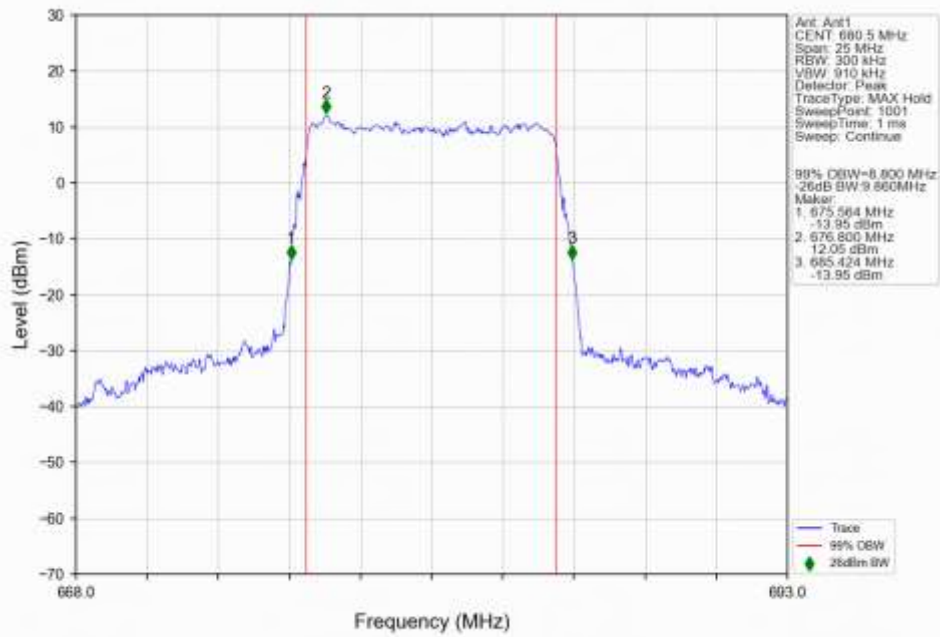
n71 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 693MHz Outer Full Ant1



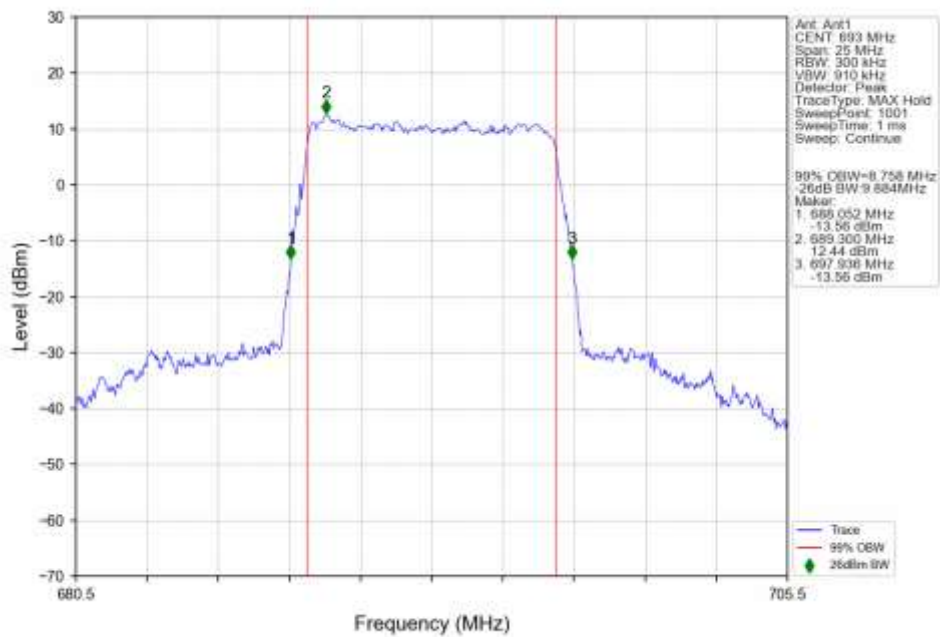
n71 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 668MHz Outer Full Ant1



n71 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1

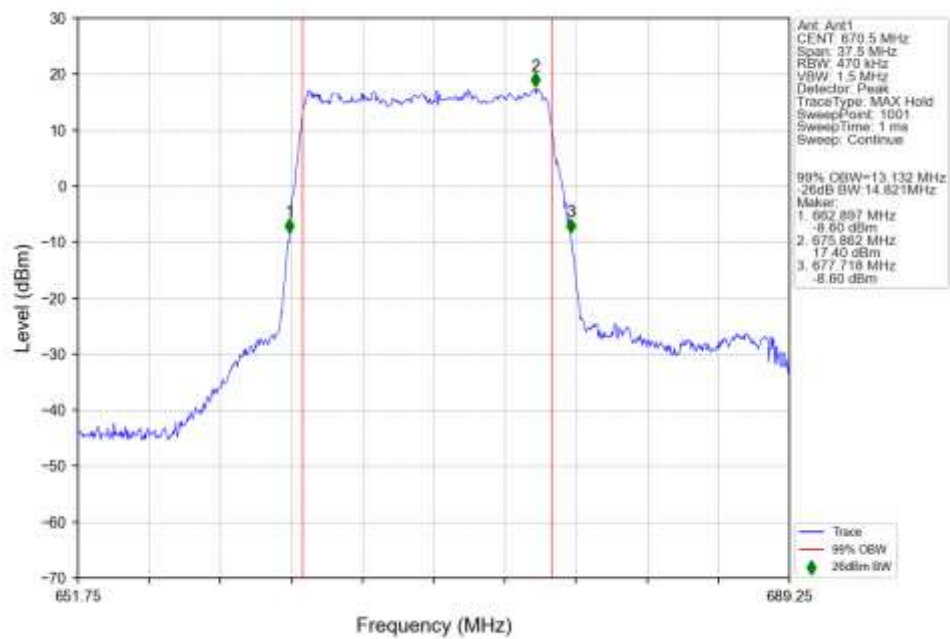


n71 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 693MHz Outer Full Ant1

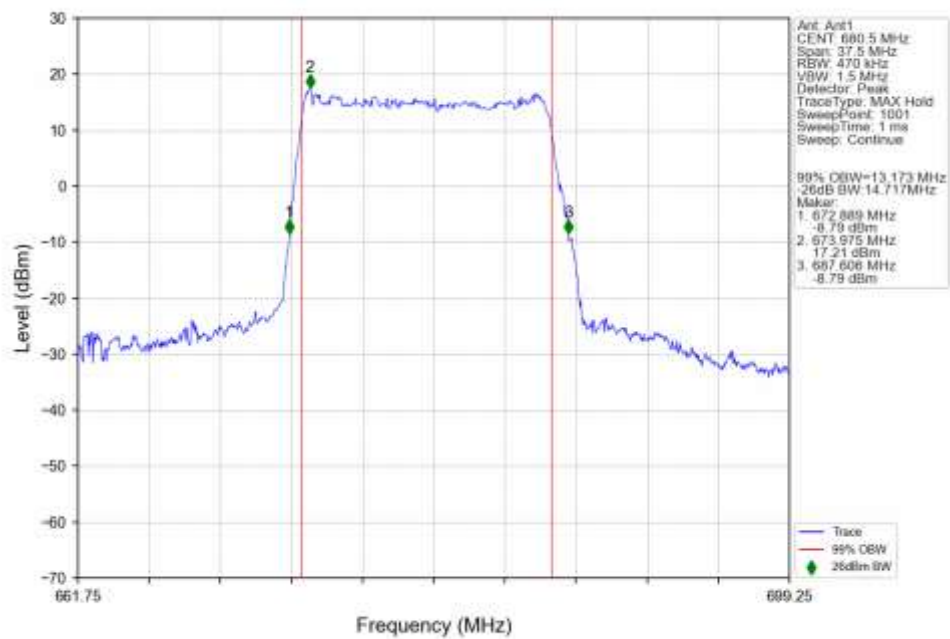


4.2.6 30k_SISO_15MHz_NTNV

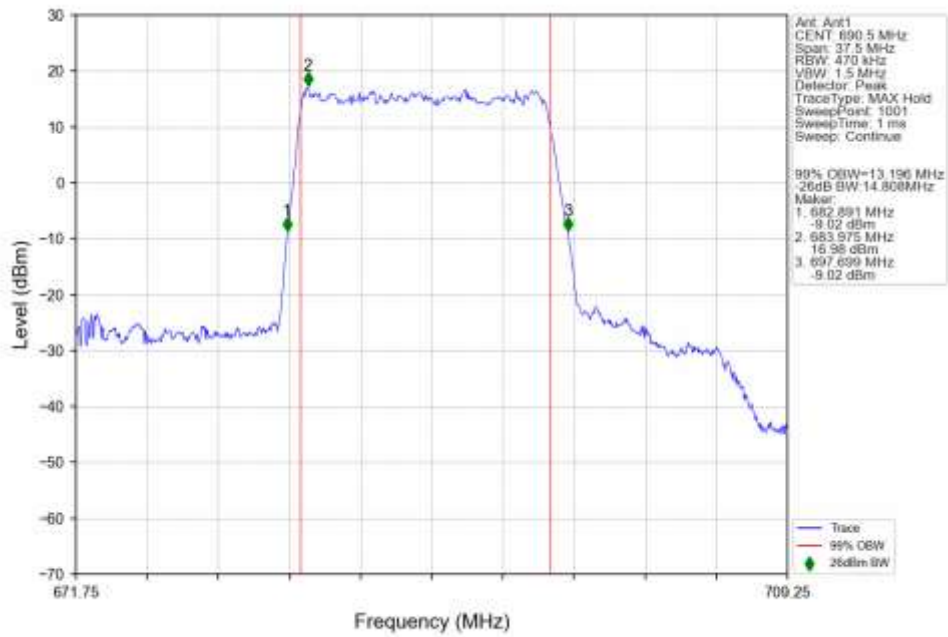
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_670.5MHz_Outer_Full_Ant1



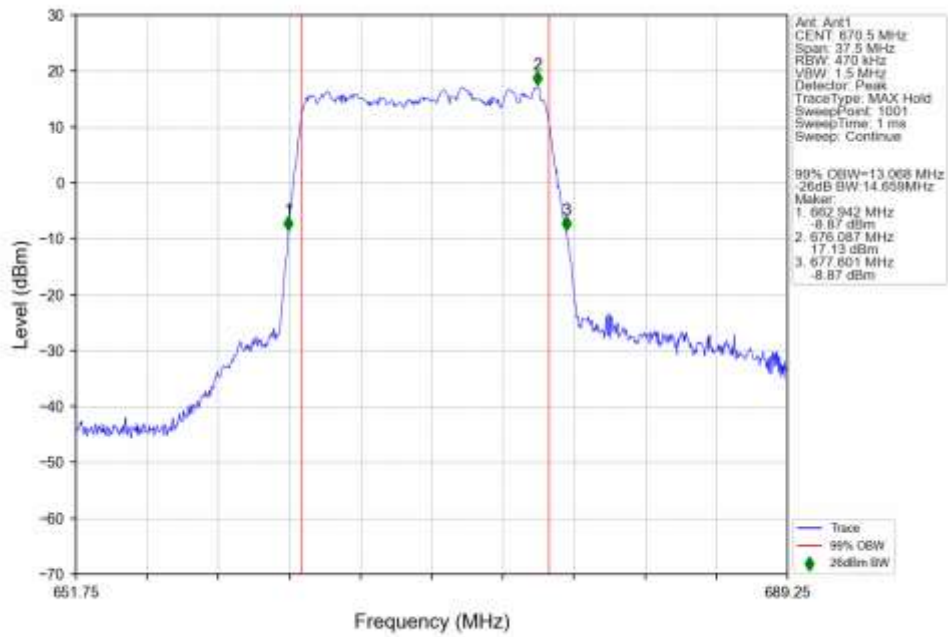
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant1



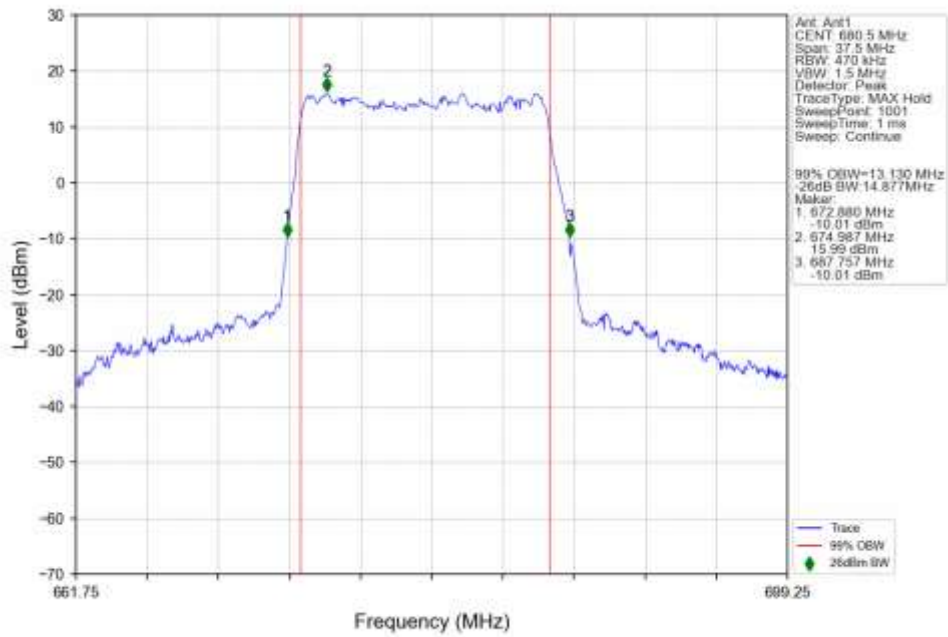
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Outer_Full_Ant1



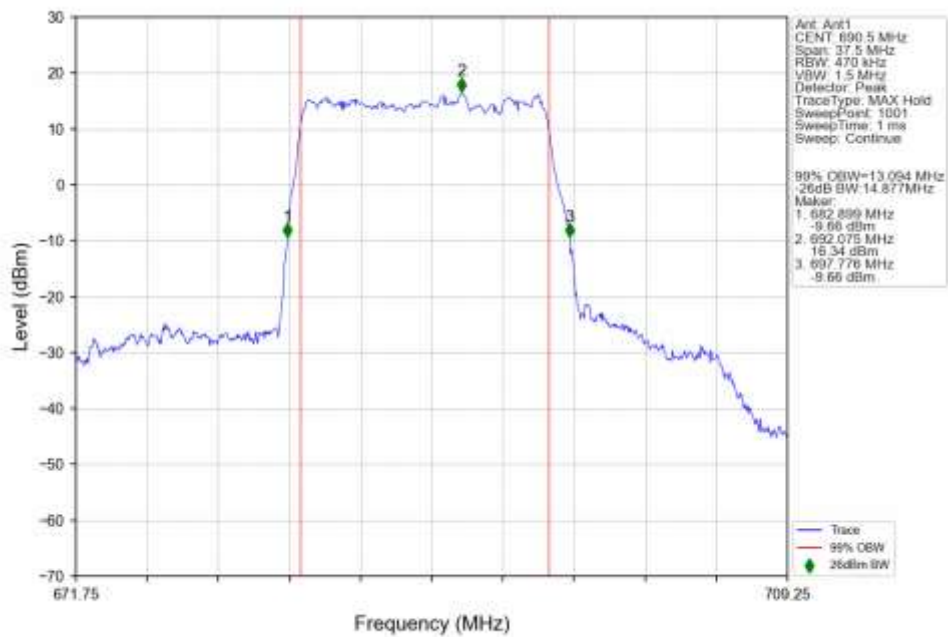
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_670.5MHz_Outer_Full_Ant1



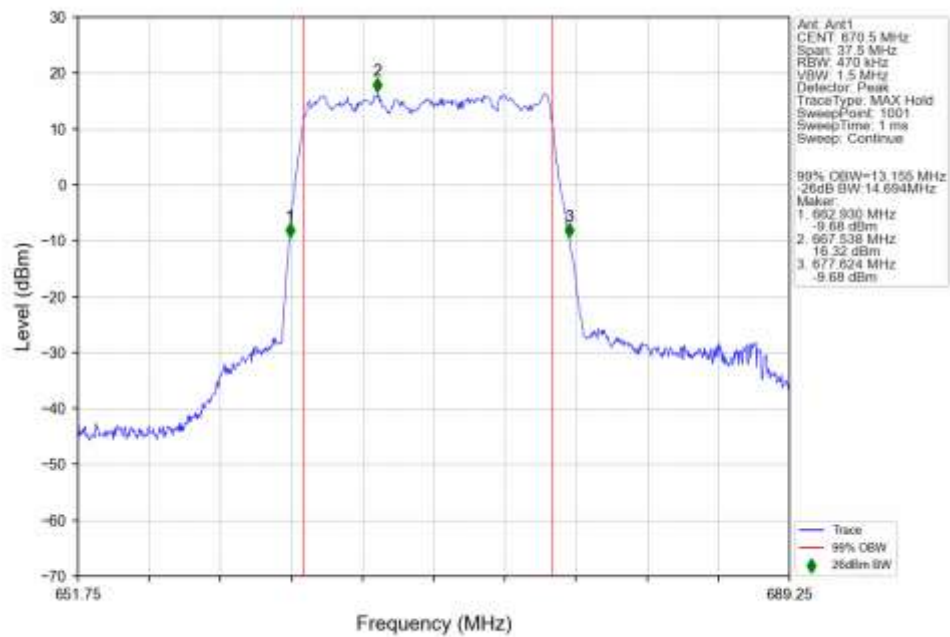
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_680.5MHz_Outer_Full_Ant1



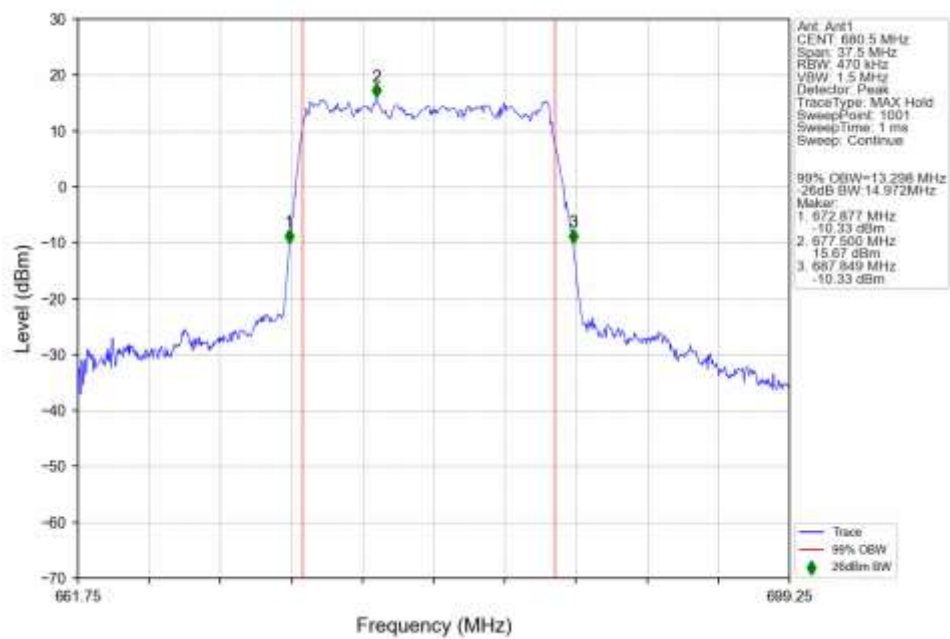
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_690.5MHz_Outer_Full_Ant1



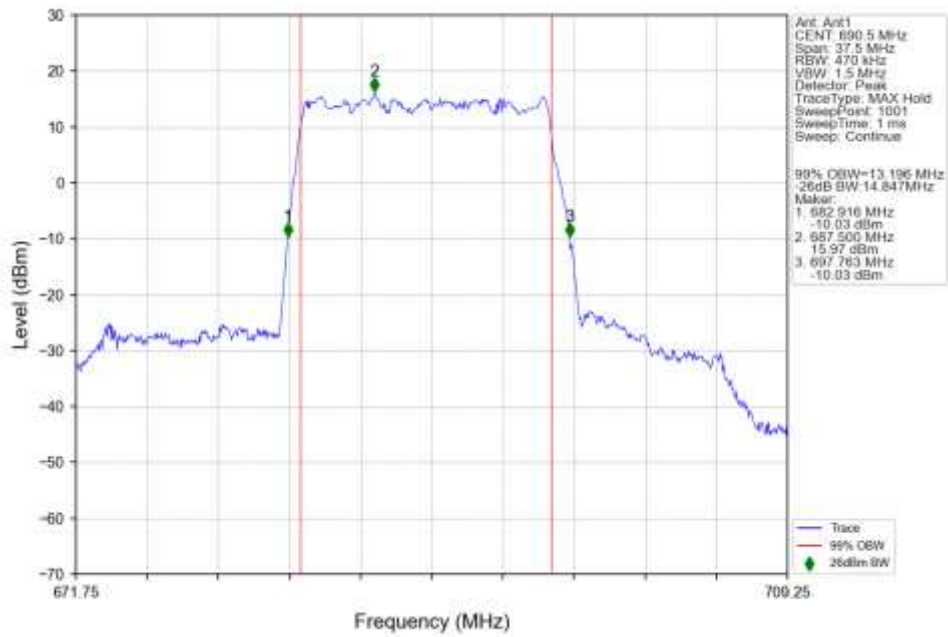
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 670.5MHz Outer Full Ant1



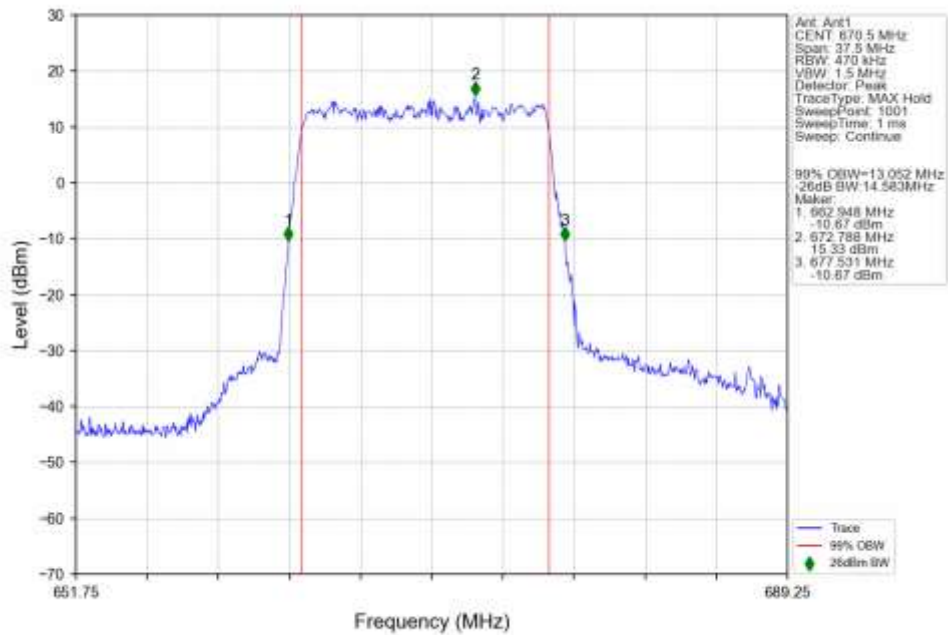
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



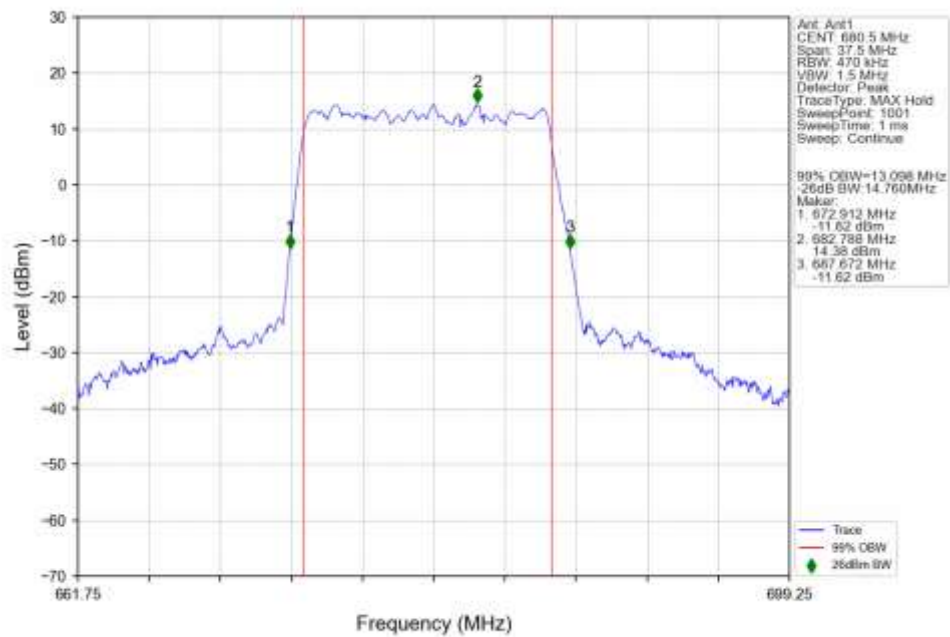
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 690.5MHz Outer Full Ant1



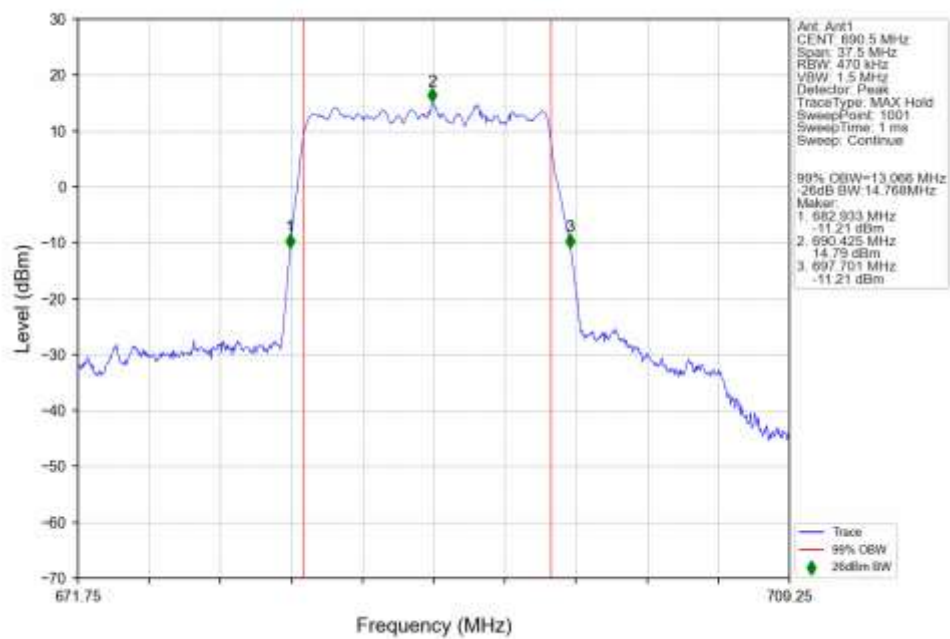
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 670.5MHz Outer Full Ant1



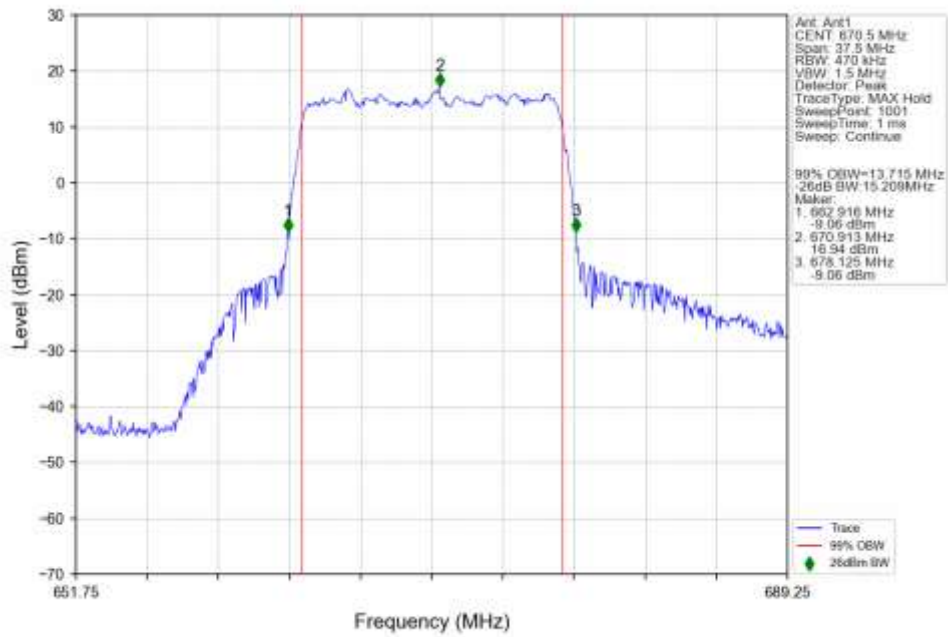
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



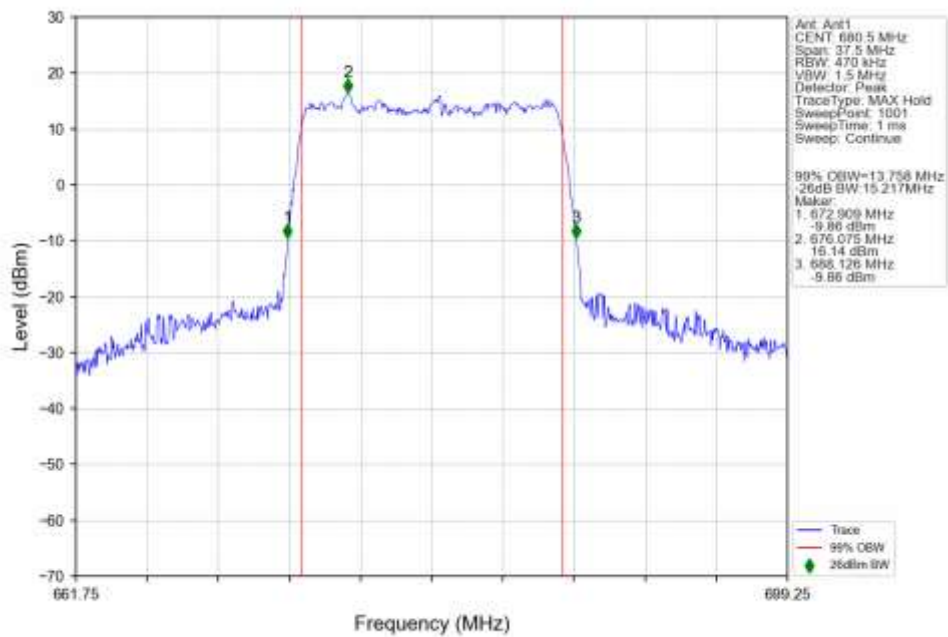
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 690.5MHz Outer Full Ant1



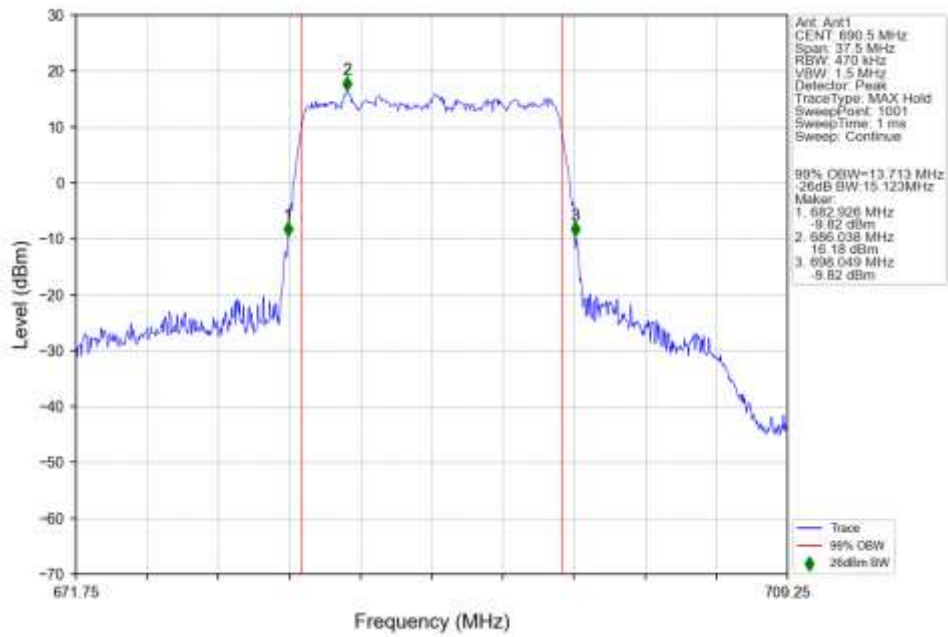
n71 30kHz SISO NTN 15MHz CP-OFDM QPSK 670.5MHz Outer Full Ant1



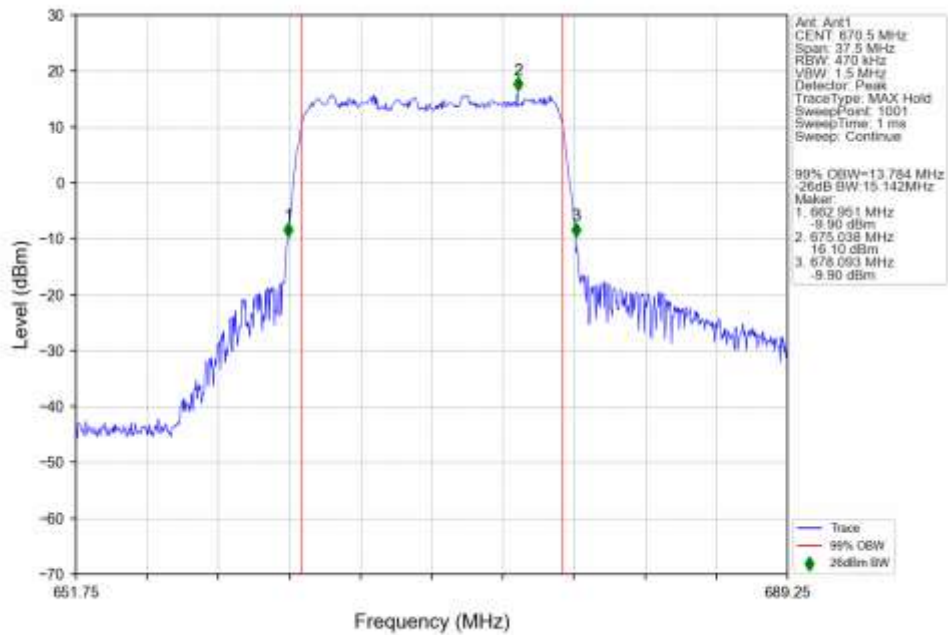
n71 30kHz SISO NTN 15MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



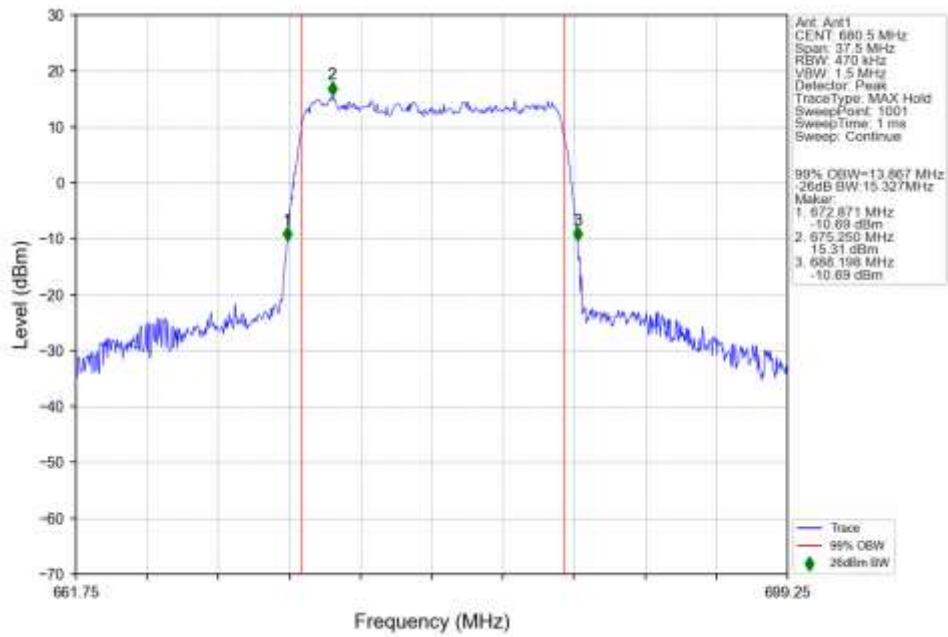
n71 30kHz SISO NTN 15MHz CP-OFDM QPSK 690.5MHz Outer Full Ant1



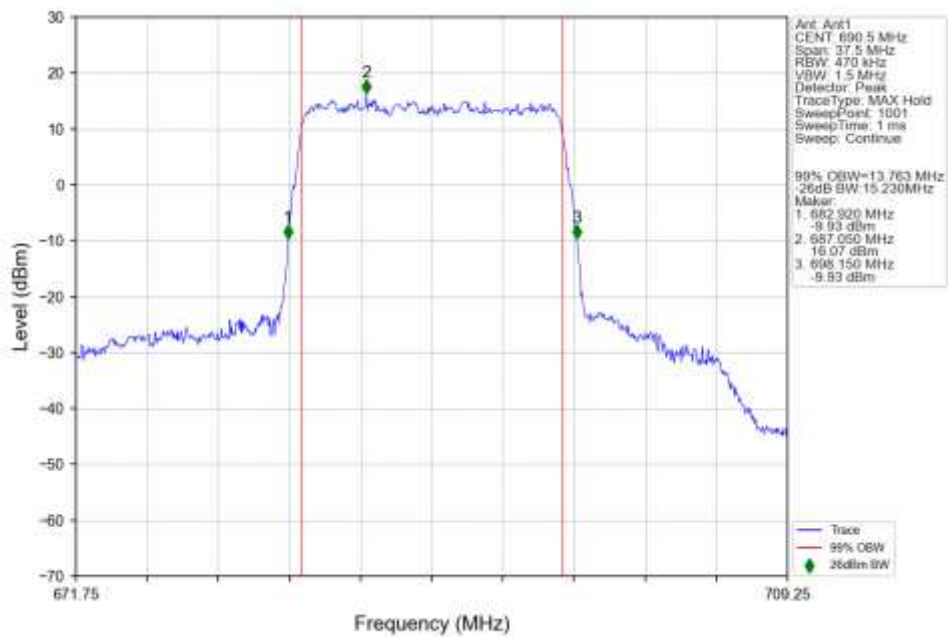
n71 30kHz SISO NTN 15MHz CP-OFDM 16 QAM 670.5MHz Outer Full Ant1



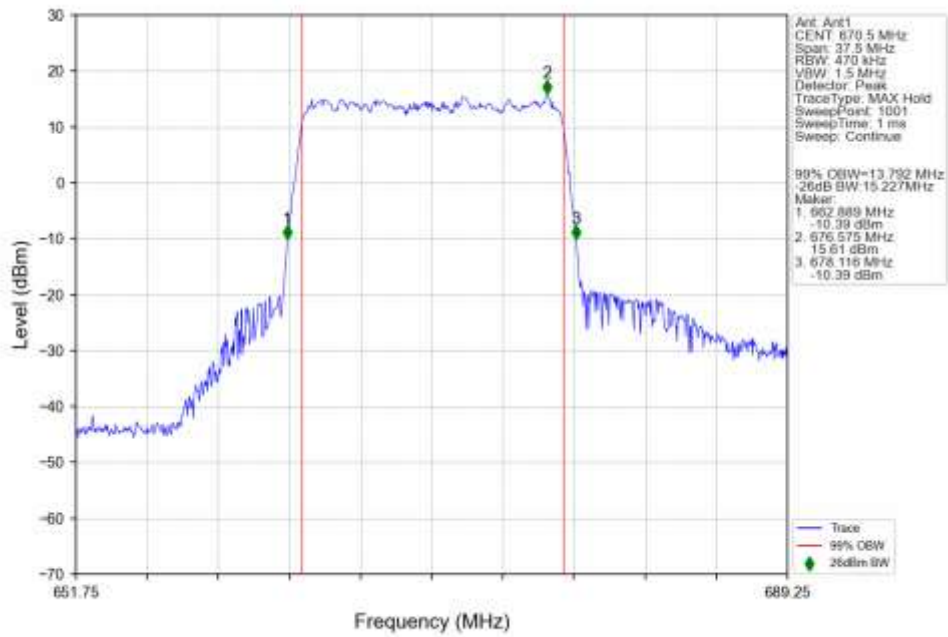
n71_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_680.5MHz_Outer_Full_Ant1



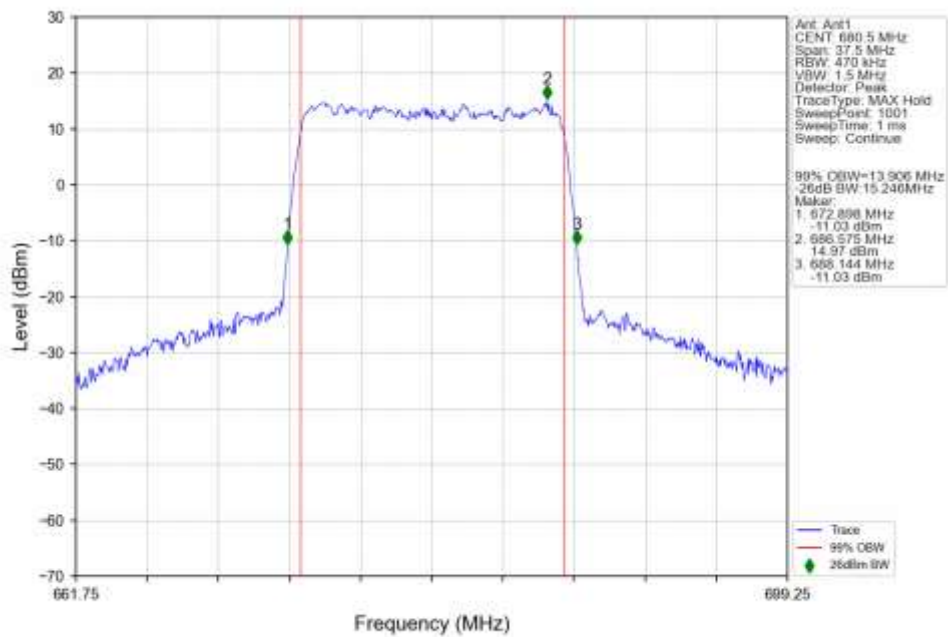
n71_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_690.5MHz_Outer_Full_Ant1



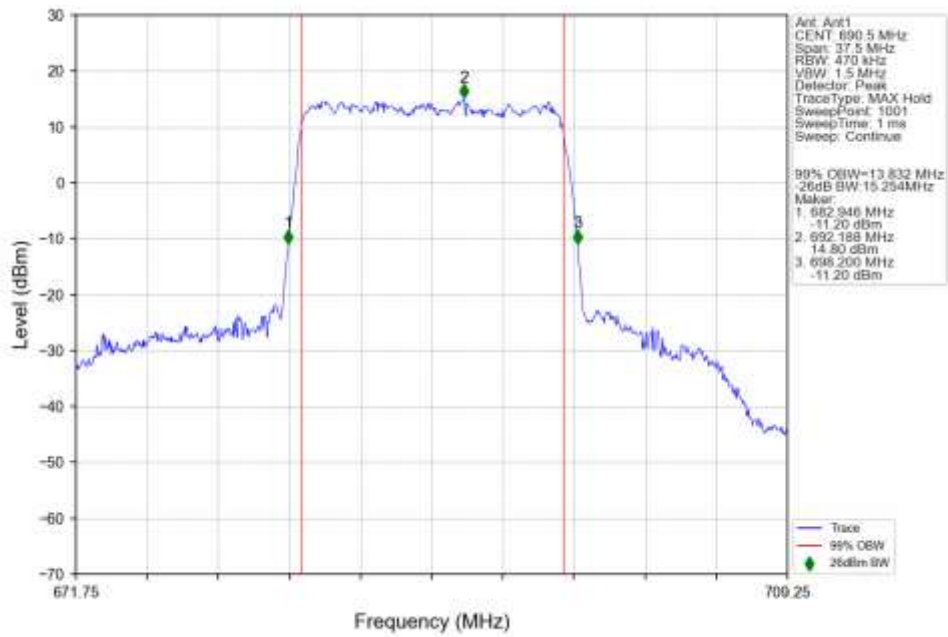
n71_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_670.5MHz_Outer_Full_Ant1



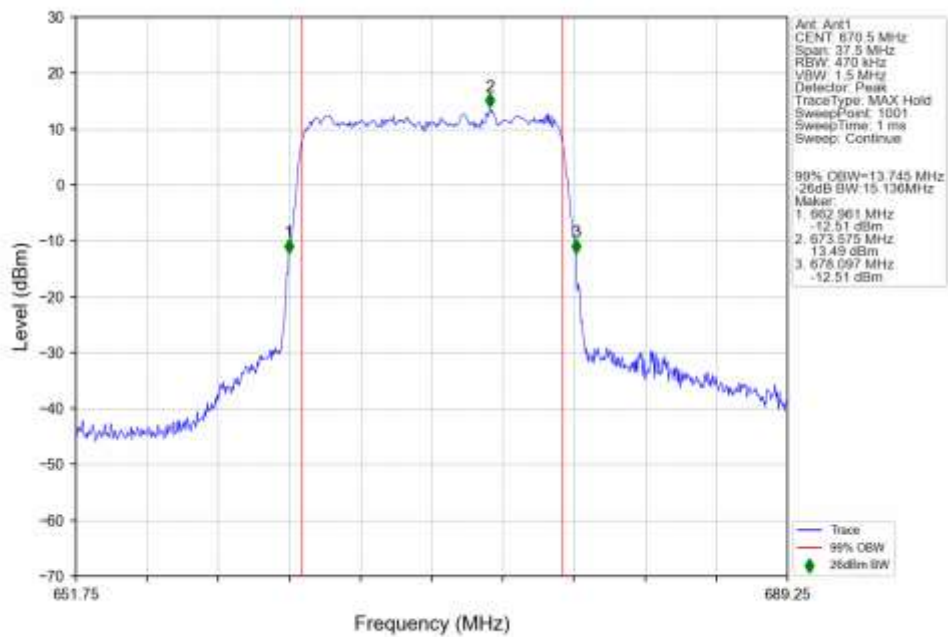
n71_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



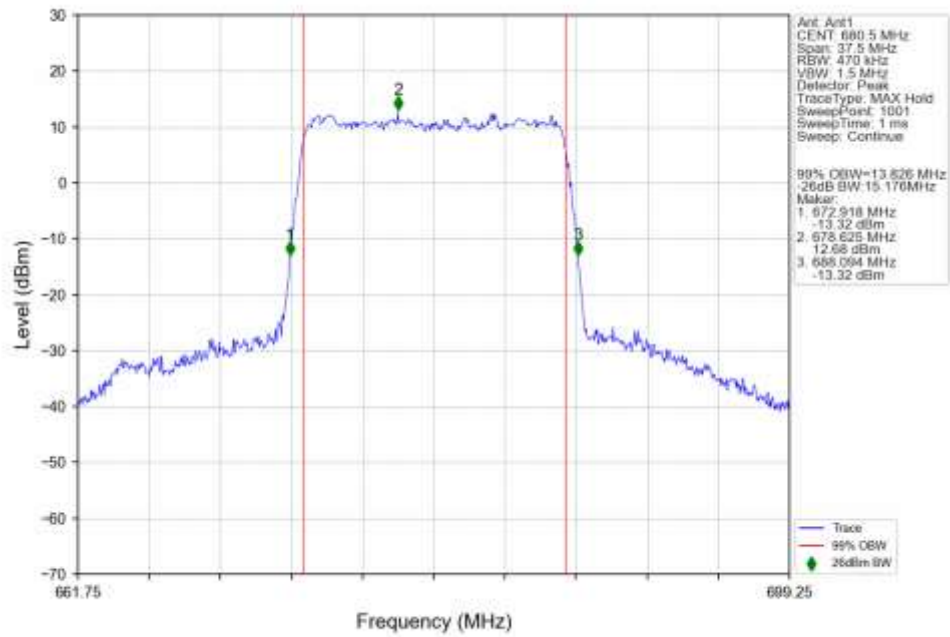
n71 30kHz SISO NTN 15MHz CP-OFDM 64 QAM 690.5MHz Outer Full Ant1



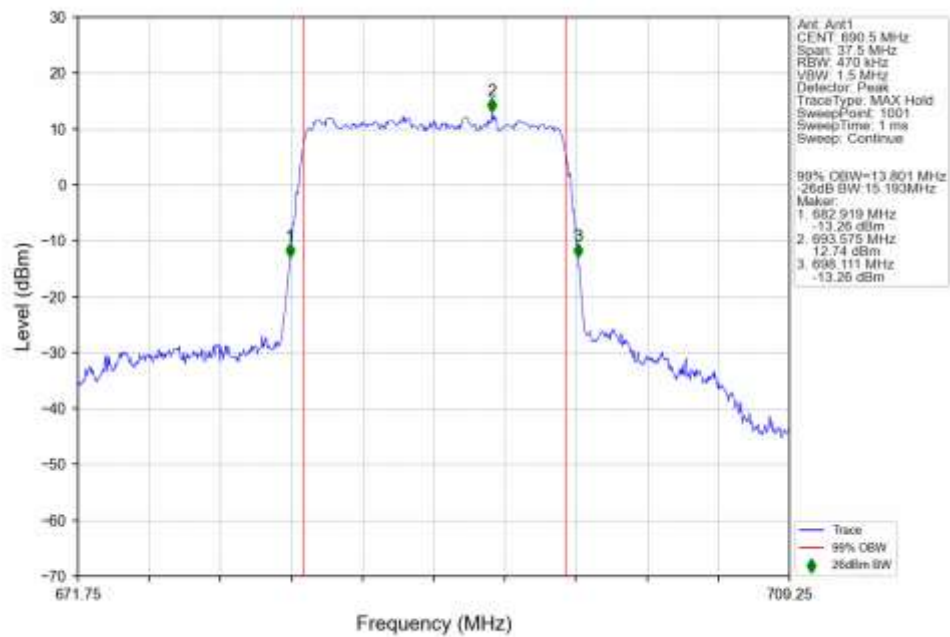
n71 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 670.5MHz Outer Full Ant1



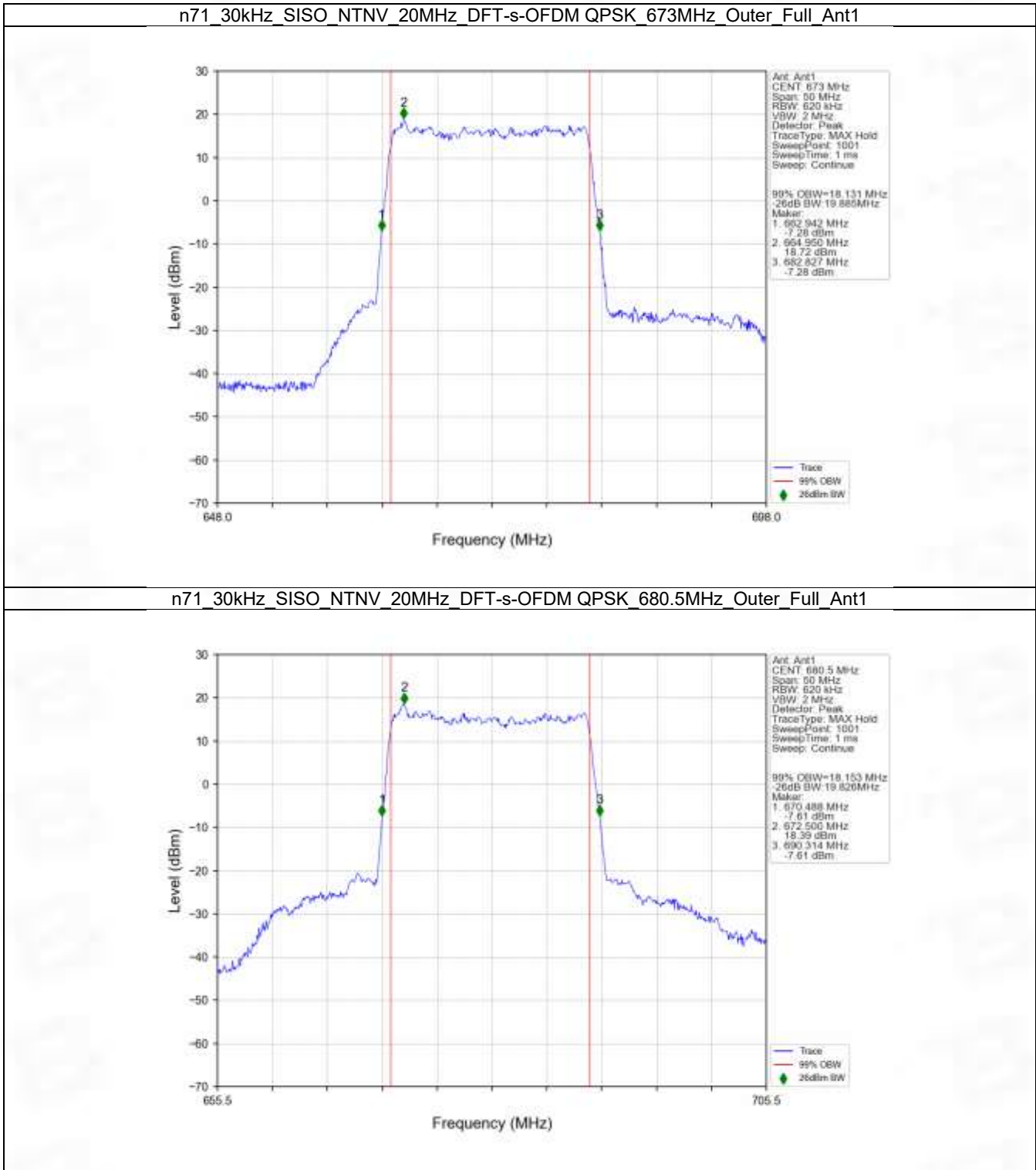
n71 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



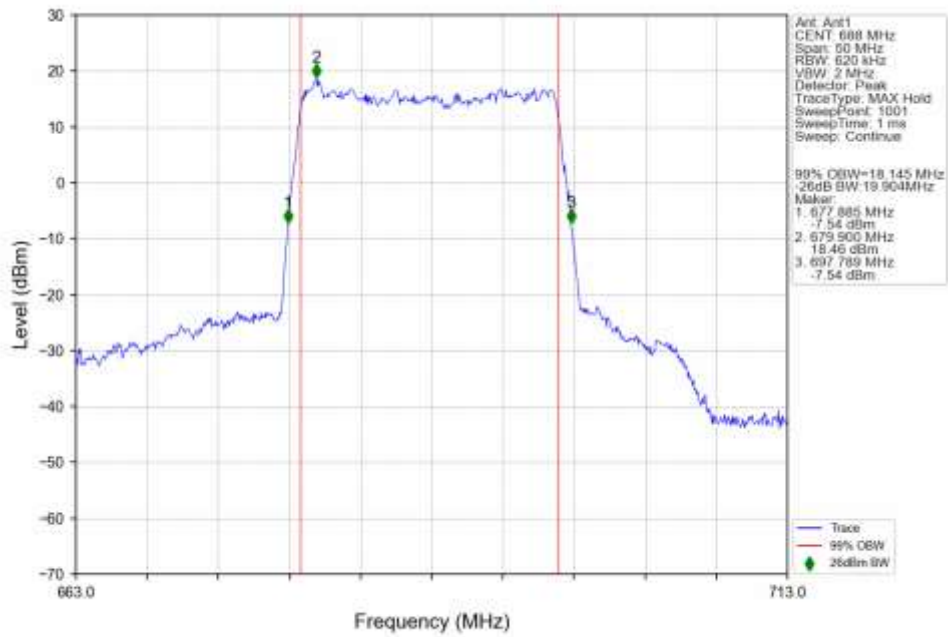
n71 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 690.5MHz Outer Full Ant1



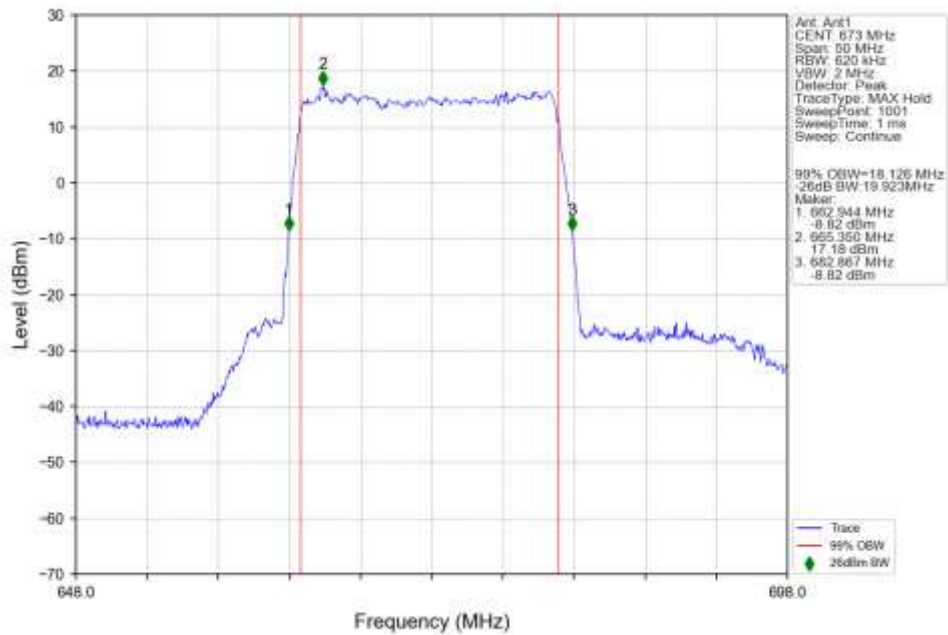
4.2.7 30k_SISO_20MHz_NTNV



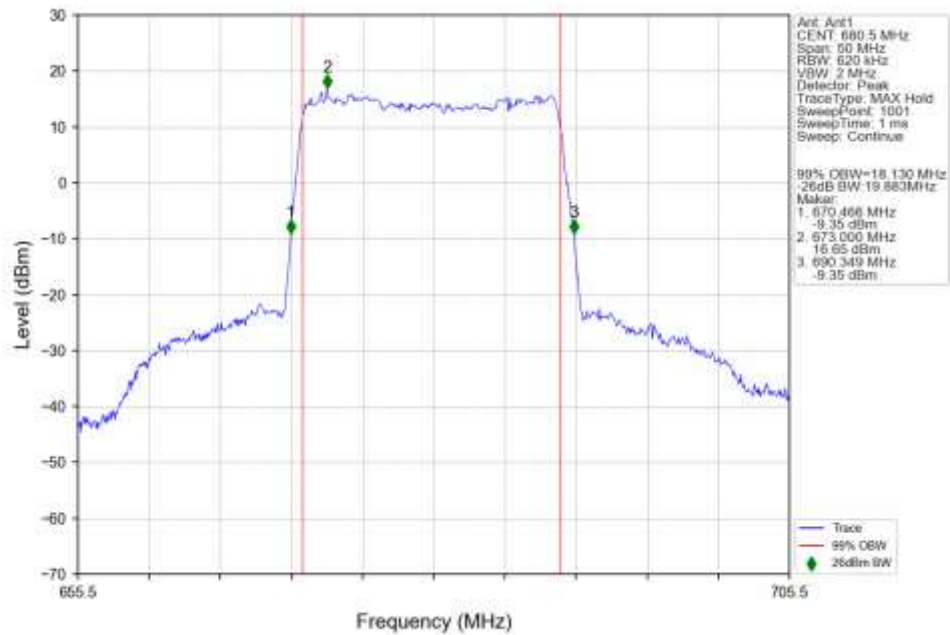
n71 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Outer Full Ant1



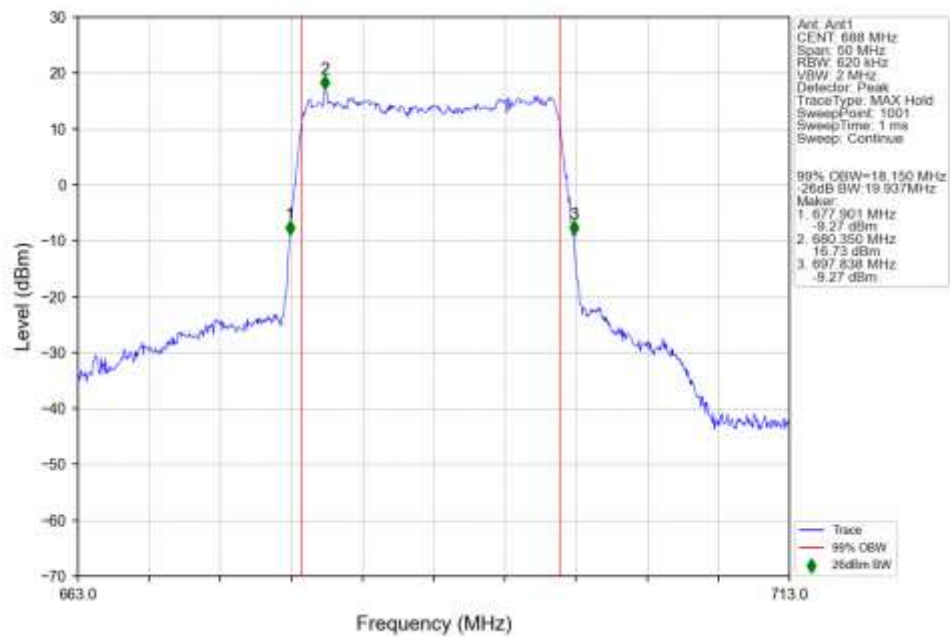
n71 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 673MHz Outer Full Ant1



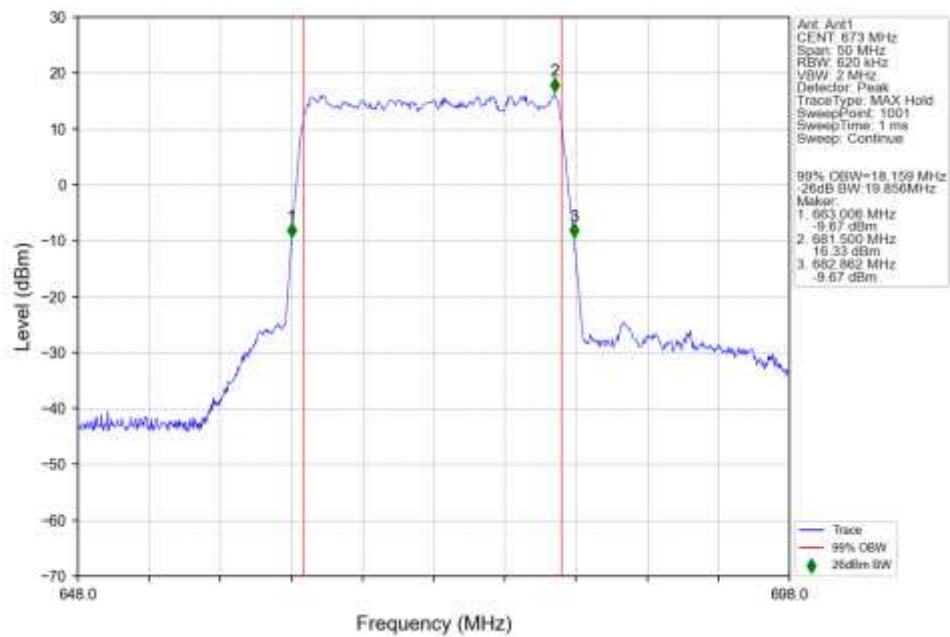
n71 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



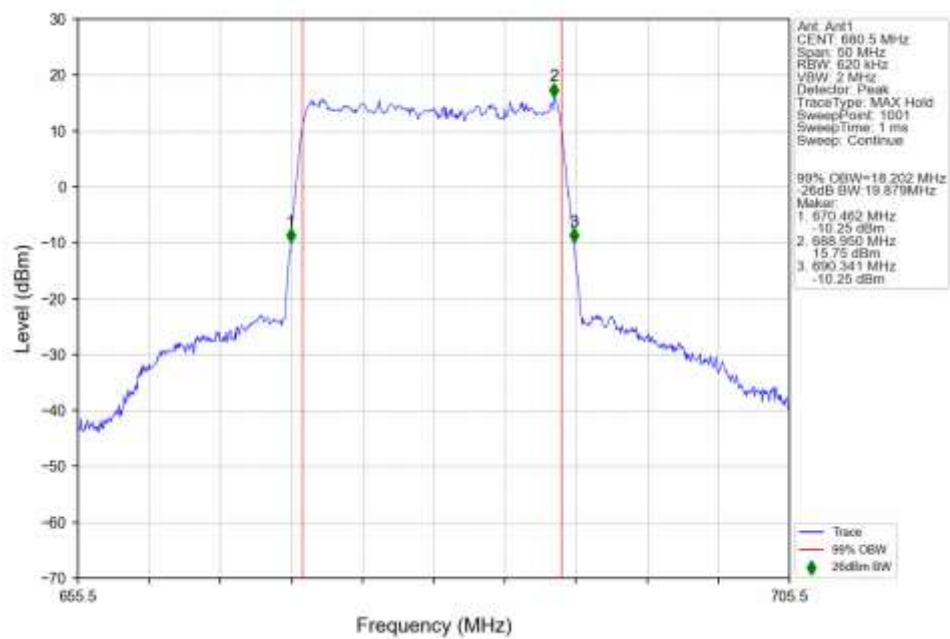
n71 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 688MHz Outer Full Ant1



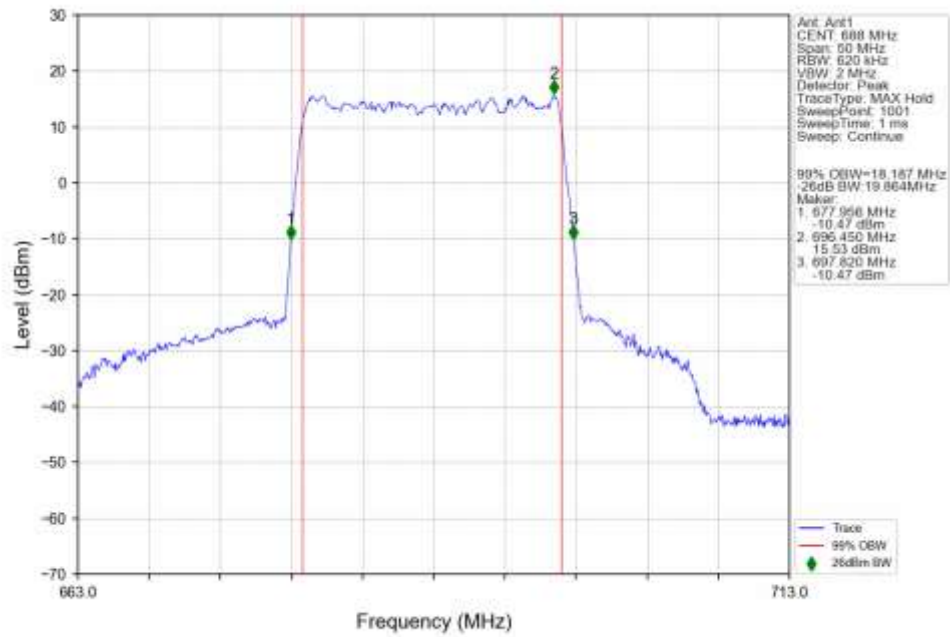
n71_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_673MHz_Outer_Full_Ant1



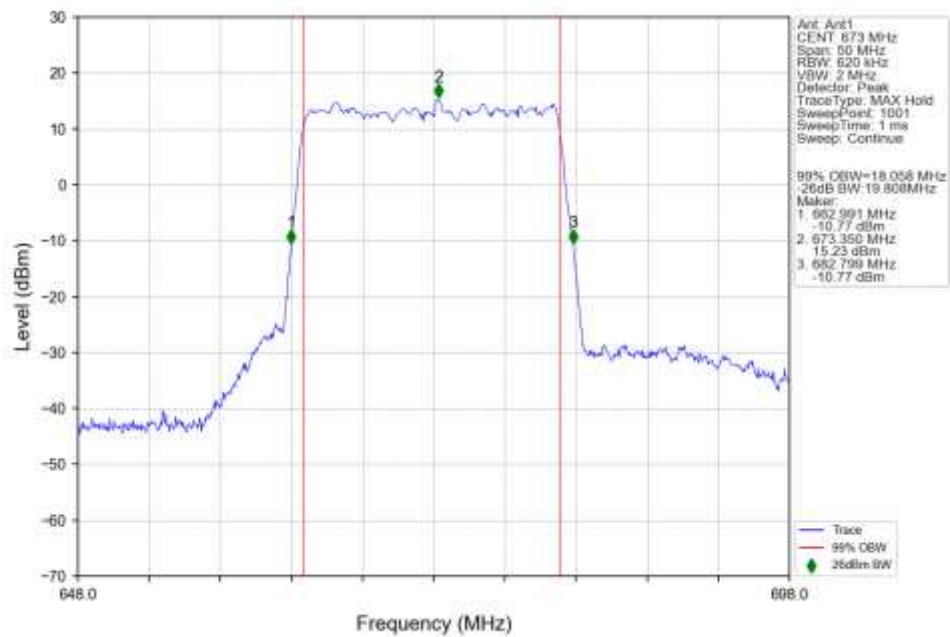
n71_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



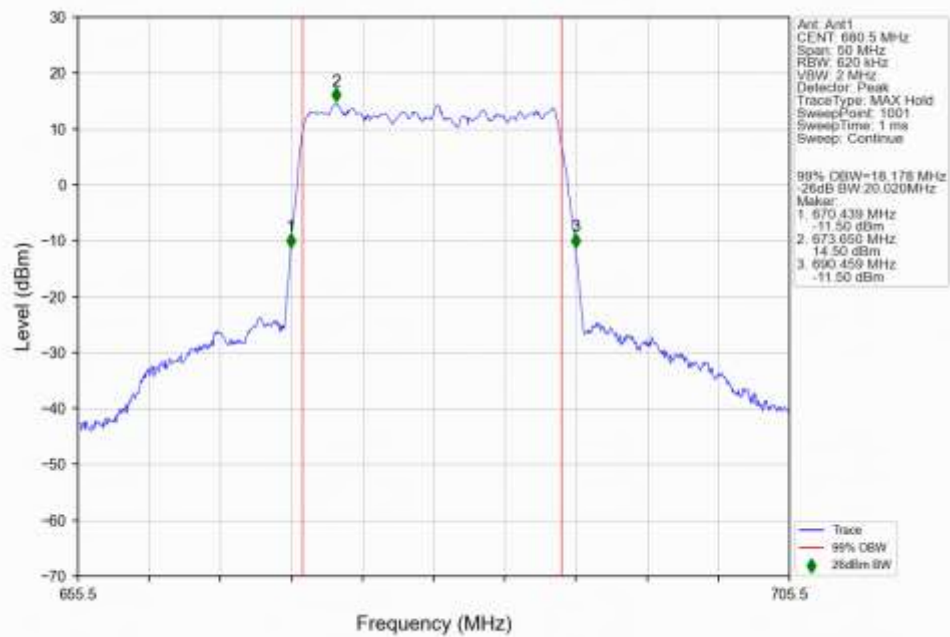
n71 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 688MHz Outer Full Ant1



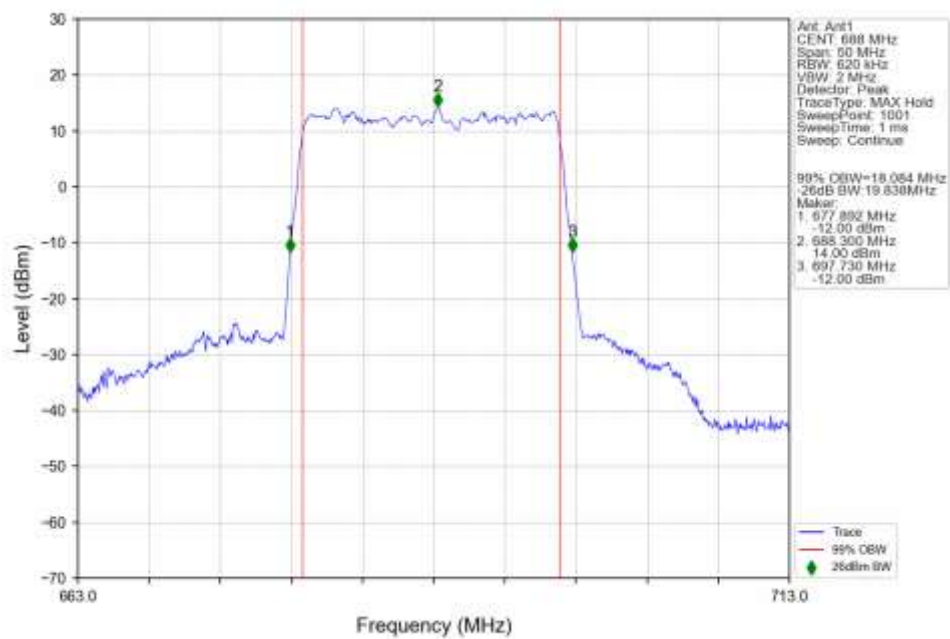
n71 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 673MHz Outer Full Ant1



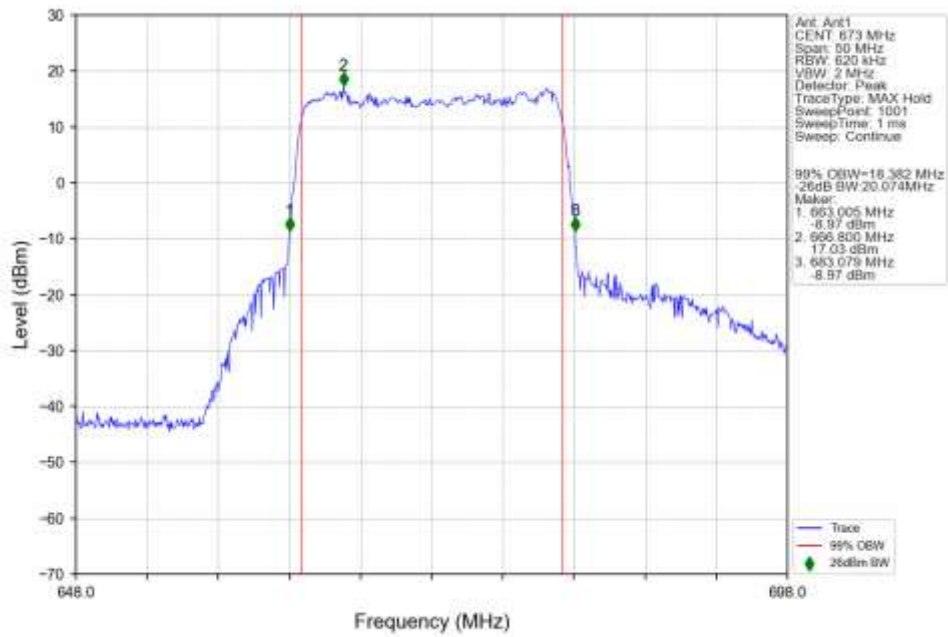
n71 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



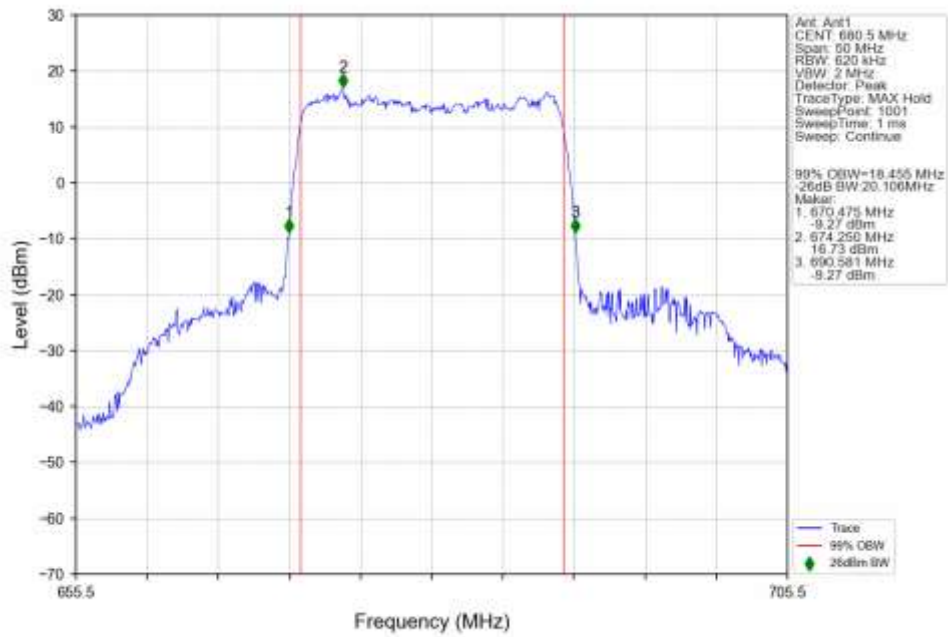
n71 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 688MHz Outer Full Ant1



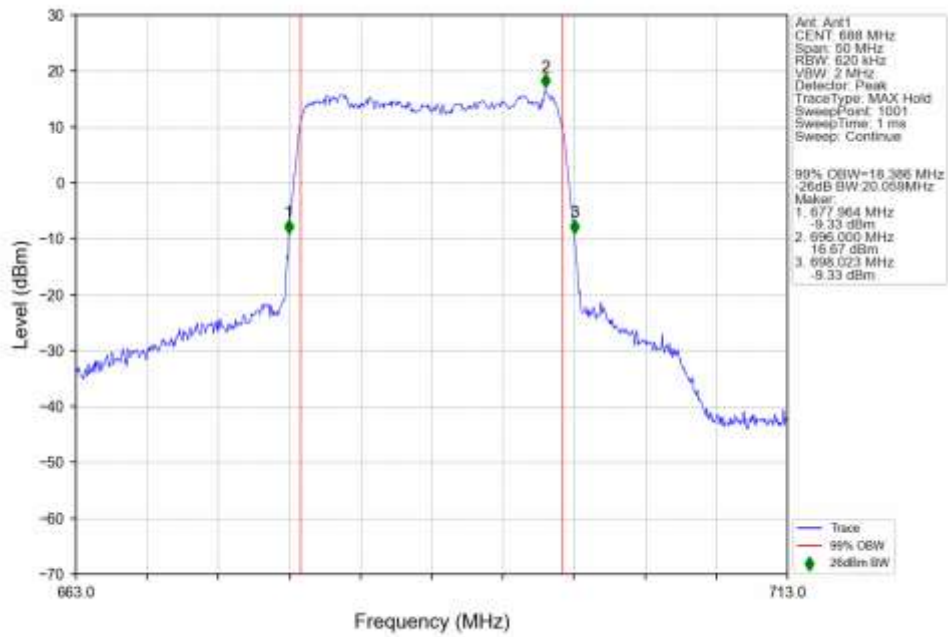
n71 30kHz SISO NTN 20MHz CP-OFDM QPSK 673MHz Outer Full Ant1



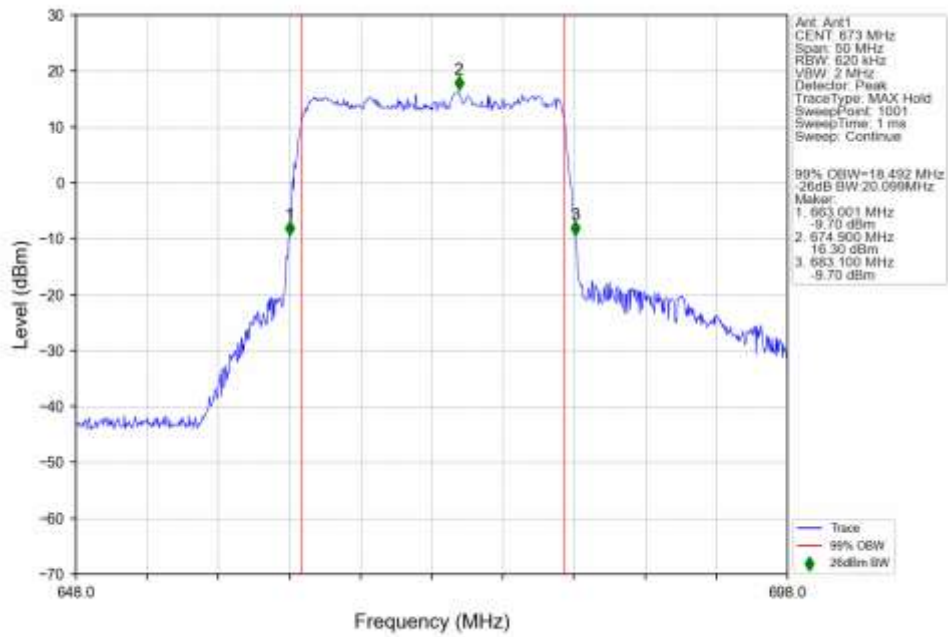
n71 30kHz SISO NTN 20MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



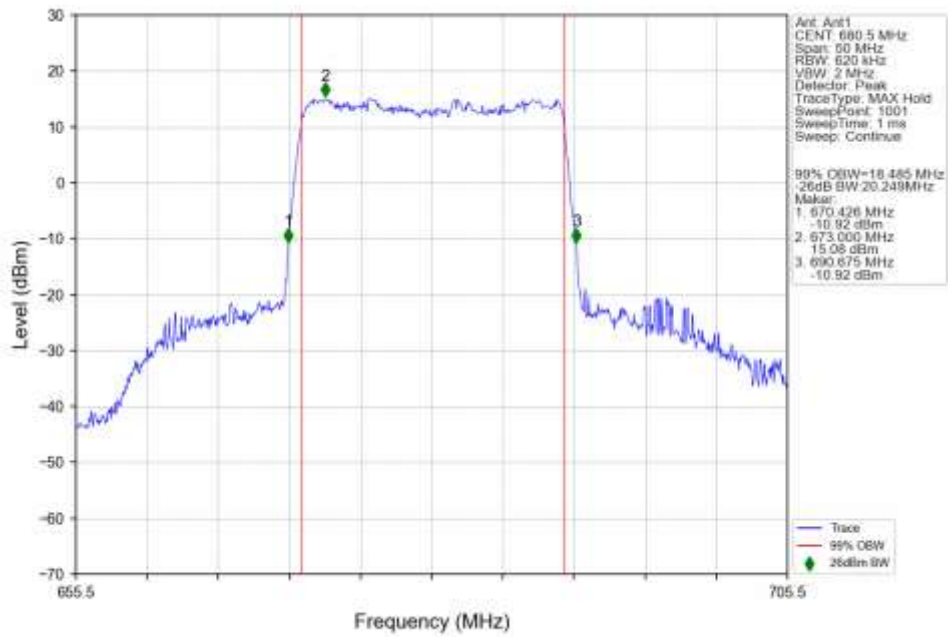
n71 30kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Outer Full Ant1



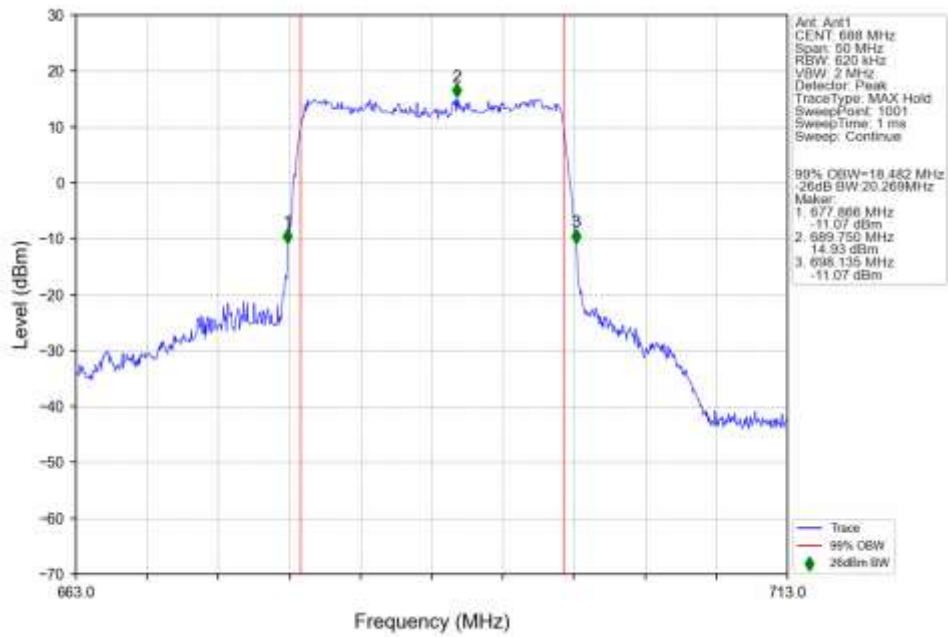
n71 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 673MHz Outer Full Ant1



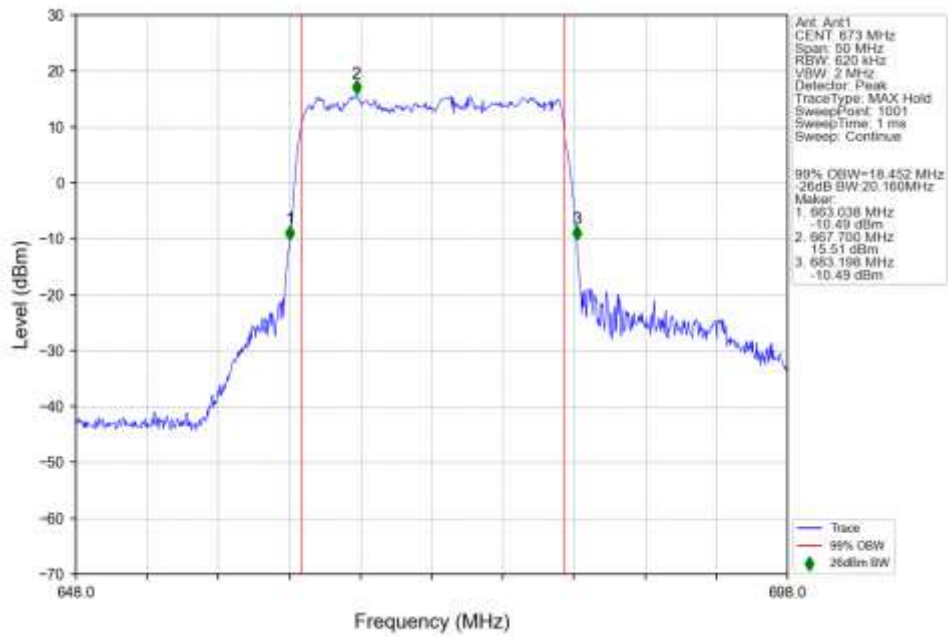
n71 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



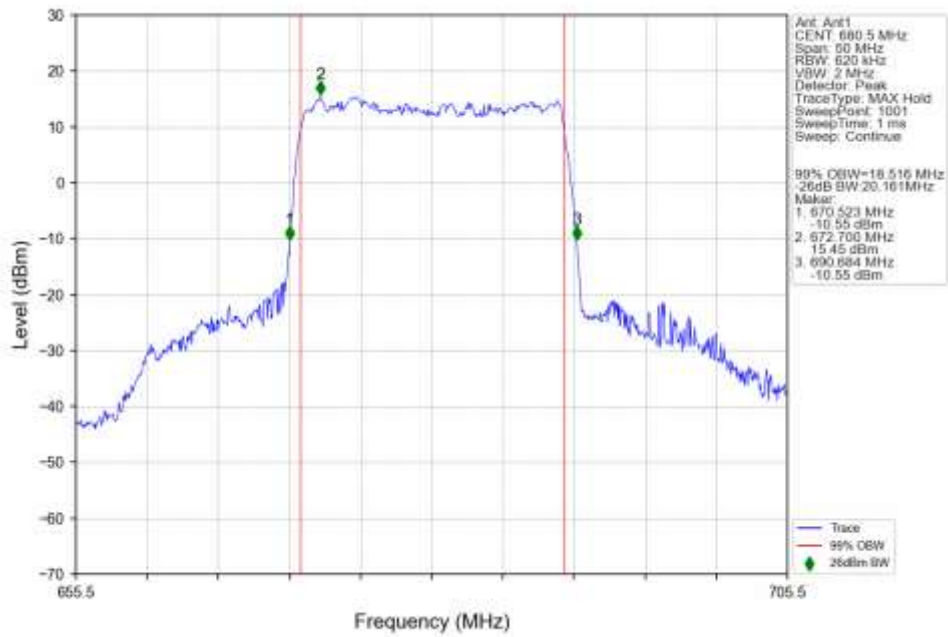
n71 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 688MHz Outer Full Ant1



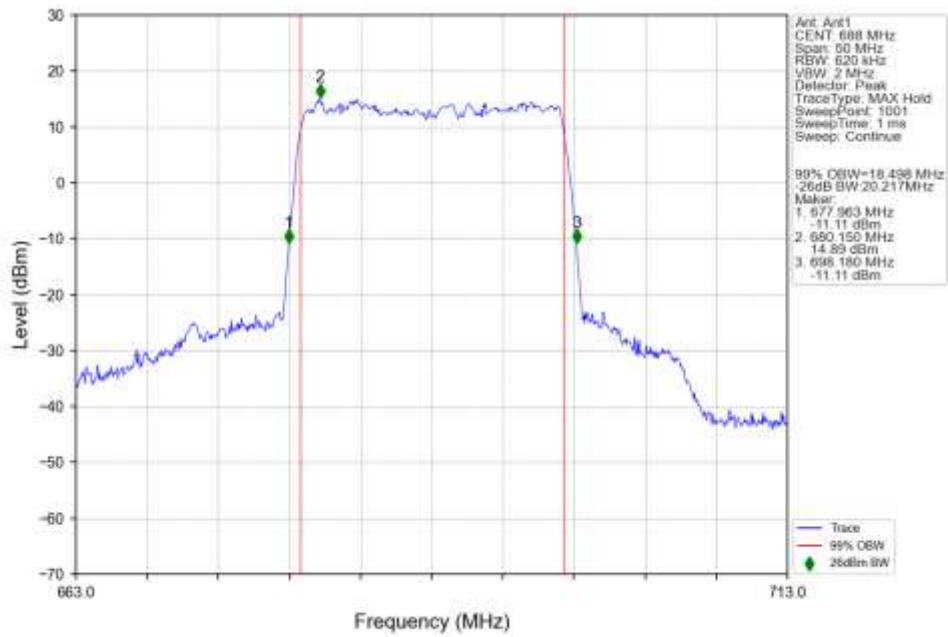
n71_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_673MHz_Outer_Full_Ant1



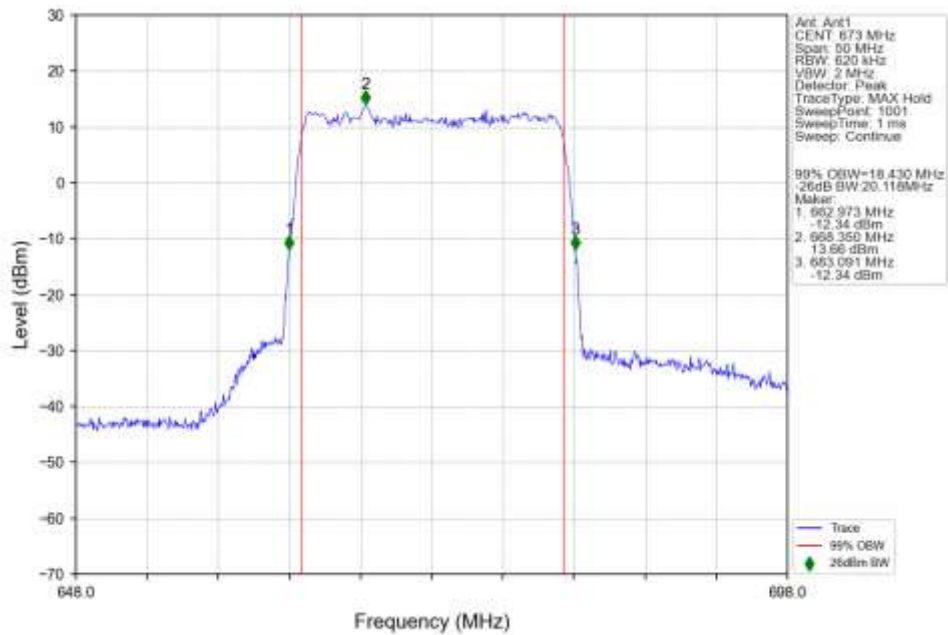
n71_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



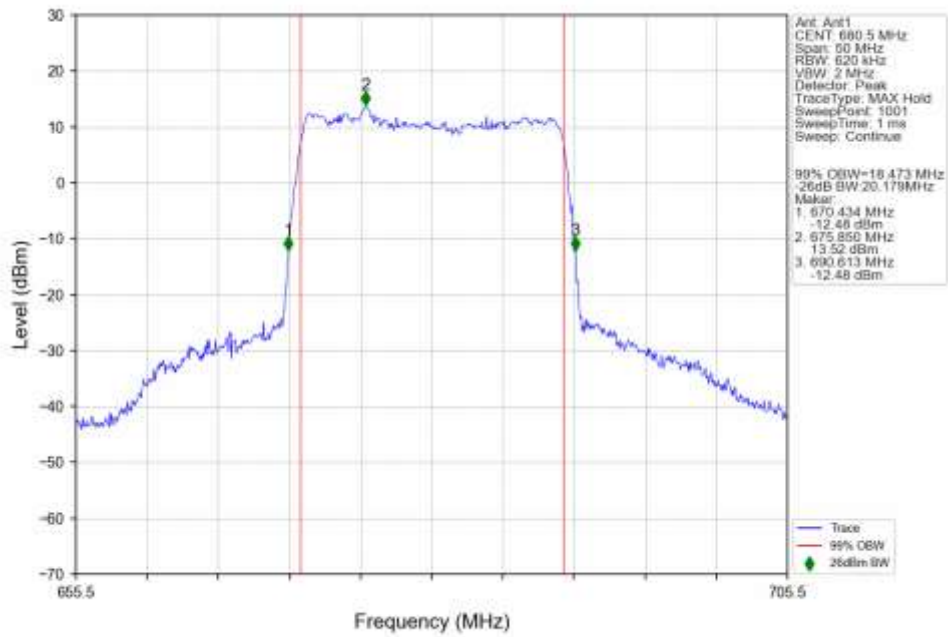
n71 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 688MHz Outer Full Ant1



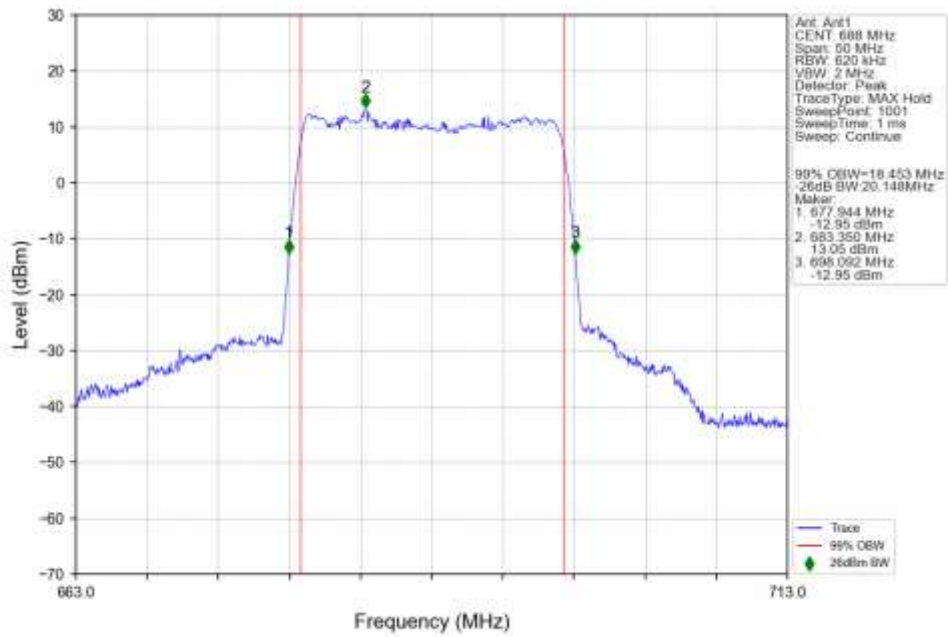
n71 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 673MHz Outer Full Ant1



n71 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



n71 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 688MHz Outer Full Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	665.5	Outer Full	5.82	/	/	<=13	Pass
	680.5	Outer Full	6.05	/	/	<=13	Pass
	695.5	Outer Full	5.91	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	665.5	Outer Full	6.38	/	/	<=13	Pass
	680.5	Outer Full	6.60	/	/	<=13	Pass
	695.5	Outer Full	6.50	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	665.5	Outer Full	6.52	/	/	<=13	Pass
	680.5	Outer Full	6.63	/	/	<=13	Pass
	695.5	Outer Full	6.55	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	665.5	Outer Full	6.77	/	/	<=13	Pass
	680.5	Outer Full	6.87	/	/	<=13	Pass
	695.5	Outer Full	6.88	/	/	<=13	Pass
CP-OFDM QPSK	665.5	Outer Full	8.19	/	/	<=13	Pass
	680.5	Outer Full	8.46	/	/	<=13	Pass
	695.5	Outer Full	8.34	/	/	<=13	Pass
CP-OFDM 16 QAM	665.5	Outer Full	8.27	/	/	<=13	Pass
	680.5	Outer Full	8.40	/	/	<=13	Pass
	695.5	Outer Full	8.34	/	/	<=13	Pass
CP-OFDM 64 QAM	665.5	Outer Full	8.46	/	/	<=13	Pass
	680.5	Outer Full	8.69	/	/	<=13	Pass
	695.5	Outer Full	8.57	/	/	<=13	Pass
CP-OFDM 256 QAM	665.5	Outer Full	8.45	/	/	<=13	Pass
	680.5	Outer Full	8.49	/	/	<=13	Pass
	695.5	Outer Full	8.48	/	/	<=13	Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n71 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	668	Outer Full	5.76	/	/	<=13	Pass
	680.5	Outer Full	5.81	/	/	<=13	Pass
	693	Outer Full	5.63	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	668	Outer Full	6.55	/	/	<=13	Pass
	680.5	Outer Full	6.63	/	/	<=13	Pass
	693	Outer Full	6.51	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	668	Outer Full	6.65	/	/	<=13	Pass
	680.5	Outer Full	6.71	/	/	<=13	Pass
	693	Outer Full	6.60	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	668	Outer Full	6.60	/	/	<=13	Pass
	680.5	Outer Full	6.60	/	/	<=13	Pass
	693	Outer Full	6.54	/	/	<=13	Pass
CP-OFDM QPSK	668	Outer Full	8.33	/	/	<=13	Pass
	680.5	Outer Full	8.55	/	/	<=13	Pass
	693	Outer Full	8.46	/	/	<=13	Pass

CP-OFDM 16 QAM	668	Outer Full	8.63	/	/	<=13	Pass
	680.5	Outer Full	8.81	/	/	<=13	Pass
	693	Outer Full	8.73	/	/	<=13	Pass
CP-OFDM 64 QAM	668	Outer Full	8.44	/	/	<=13	Pass
	680.5	Outer Full	8.62	/	/	<=13	Pass
	693	Outer Full	8.53	/	/	<=13	Pass
CP-OFDM 256 QAM	668	Outer Full	8.42	/	/	<=13	Pass
	680.5	Outer Full	8.50	/	/	<=13	Pass
	693	Outer Full	8.51	/	/	<=13	Pass

5.1.3 15k_SISO_15MHz_NTNV

5G NR n71 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	670.5	Outer Full	5.76	/	/	<=13	Pass
	680.5	Outer Full	5.95	/	/	<=13	Pass
	690.5	Outer Full	5.87	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	670.5	Outer Full	6.39	/	/	<=13	Pass
	680.5	Outer Full	6.59	/	/	<=13	Pass
	690.5	Outer Full	6.54	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	6.57	/	/	<=13	Pass
	680.5	Outer Full	6.68	/	/	<=13	Pass
	690.5	Outer Full	6.68	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	670.5	Outer Full	6.57	/	/	<=13	Pass
	680.5	Outer Full	6.65	/	/	<=13	Pass
	690.5	Outer Full	6.62	/	/	<=13	Pass
CP-OFDM QPSK	670.5	Outer Full	8.09	/	/	<=13	Pass
	680.5	Outer Full	8.38	/	/	<=13	Pass
	690.5	Outer Full	8.39	/	/	<=13	Pass
CP-OFDM 16 QAM	670.5	Outer Full	8.27	/	/	<=13	Pass
	680.5	Outer Full	8.54	/	/	<=13	Pass
	690.5	Outer Full	8.61	/	/	<=13	Pass
CP-OFDM 64 QAM	670.5	Outer Full	8.13	/	/	<=13	Pass
	680.5	Outer Full	8.35	/	/	<=13	Pass
	690.5	Outer Full	8.37	/	/	<=13	Pass
CP-OFDM 256 QAM	670.5	Outer Full	8.37	/	/	<=13	Pass
	680.5	Outer Full	8.52	/	/	<=13	Pass
	690.5	Outer Full	8.56	/	/	<=13	Pass

5.1.4 15k_SISO_20MHz_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	673	Outer Full	5.74	/	/	<=13	Pass
	680.5	Outer Full	5.89	/	/	<=13	Pass
	688	Outer Full	5.95	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	673	Outer Full	6.44	/	/	<=13	Pass
	680.5	Outer Full	6.56	/	/	<=13	Pass
	688	Outer Full	6.54	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	673	Outer Full	6.66	/	/	<=13	Pass
	680.5	Outer Full	6.78	/	/	<=13	Pass
	688	Outer Full	6.72	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	673	Outer Full	6.63	/	/	<=13	Pass
	680.5	Outer Full	6.67	/	/	<=13	Pass

CP-OFDM QPSK	688	Outer Full	6.67	/	/	<=13	Pass
	673	Outer Full	8.28	/	/	<=13	Pass
	680.5	Outer Full	8.50	/	/	<=13	Pass
	688	Outer Full	8.54	/	/	<=13	Pass
CP-OFDM 16 QAM	673	Outer Full	8.32	/	/	<=13	Pass
	680.5	Outer Full	8.48	/	/	<=13	Pass
	688	Outer Full	8.60	/	/	<=13	Pass
CP-OFDM 64 QAM	673	Outer Full	8.35	/	/	<=13	Pass
	680.5	Outer Full	8.58	/	/	<=13	Pass
	688	Outer Full	8.64	/	/	<=13	Pass
CP-OFDM 256 QAM	673	Outer Full	8.45	/	/	<=13	Pass
	680.5	Outer Full	8.47	/	/	<=13	Pass
	688	Outer Full	8.50	/	/	<=13	Pass

5.1.5 30k_SISO_10MHz_NTNV

5G NR n71 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	668	Outer Full	5.85	/	/	<=13	Pass
	680.5	Outer Full	5.94	/	/	<=13	Pass
	693	Outer Full	5.82	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	668	Outer Full	6.64	/	/	<=13	Pass
	680.5	Outer Full	6.76	/	/	<=13	Pass
	693	Outer Full	6.62	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	668	Outer Full	6.68	/	/	<=13	Pass
	680.5	Outer Full	6.79	/	/	<=13	Pass
	693	Outer Full	6.74	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	668	Outer Full	6.82	/	/	<=13	Pass
	680.5	Outer Full	6.89	/	/	<=13	Pass
	693	Outer Full	6.84	/	/	<=13	Pass
CP-OFDM QPSK	668	Outer Full	8.50	/	/	<=13	Pass
	680.5	Outer Full	8.74	/	/	<=13	Pass
	693	Outer Full	8.56	/	/	<=13	Pass
CP-OFDM 16 QAM	668	Outer Full	8.30	/	/	<=13	Pass
	680.5	Outer Full	8.51	/	/	<=13	Pass
	693	Outer Full	8.33	/	/	<=13	Pass
CP-OFDM 64 QAM	668	Outer Full	8.30	/	/	<=13	Pass
	680.5	Outer Full	8.50	/	/	<=13	Pass
	693	Outer Full	8.39	/	/	<=13	Pass
CP-OFDM 256 QAM	668	Outer Full	8.30	/	/	<=13	Pass
	680.5	Outer Full	8.39	/	/	<=13	Pass
	693	Outer Full	8.39	/	/	<=13	Pass

5.1.6 30k_SISO_15MHz_NTNV

5G NR n71 SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	670.5	Outer Full	5.91	/	/	<=13	Pass
	680.5	Outer Full	6.23	/	/	<=13	Pass
	690.5	Outer Full	6.06	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	670.5	Outer Full	6.46	/	/	<=13	Pass
	680.5	Outer Full	6.65	/	/	<=13	Pass
	690.5	Outer Full	6.54	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	6.64	/	/	<=13	Pass

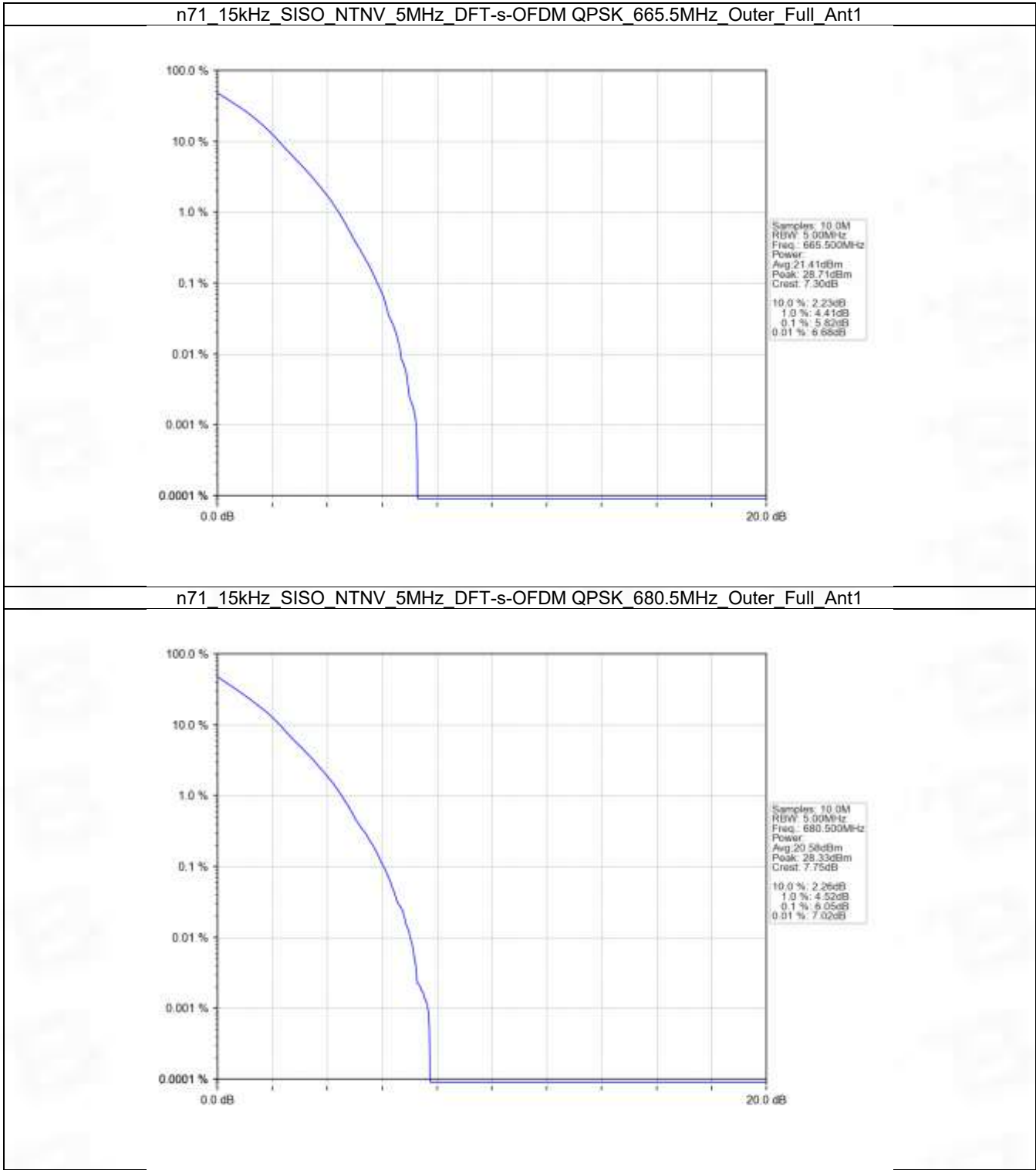
DFT-s-OFDM 256 QAM	680.5	Outer Full	6.79	/	/	<=13	Pass
	690.5	Outer Full	6.71	/	/	<=13	Pass
	670.5	Outer Full	6.54	/	/	<=13	Pass
	680.5	Outer Full	6.60	/	/	<=13	Pass
	690.5	Outer Full	6.58	/	/	<=13	Pass
CP-OFDM QPSK	670.5	Outer Full	8.09	/	/	<=13	Pass
	680.5	Outer Full	8.41	/	/	<=13	Pass
	690.5	Outer Full	8.42	/	/	<=13	Pass
CP-OFDM 16 QAM	670.5	Outer Full	8.25	/	/	<=13	Pass
	680.5	Outer Full	8.52	/	/	<=13	Pass
	690.5	Outer Full	8.56	/	/	<=13	Pass
CP-OFDM 64 QAM	670.5	Outer Full	8.31	/	/	<=13	Pass
	680.5	Outer Full	8.52	/	/	<=13	Pass
	690.5	Outer Full	8.49	/	/	<=13	Pass
CP-OFDM 256 QAM	670.5	Outer Full	8.55	/	/	<=13	Pass
	680.5	Outer Full	8.62	/	/	<=13	Pass
	690.5	Outer Full	8.52	/	/	<=13	Pass

5.1.7 30k_SISO_20MHz_NTNV

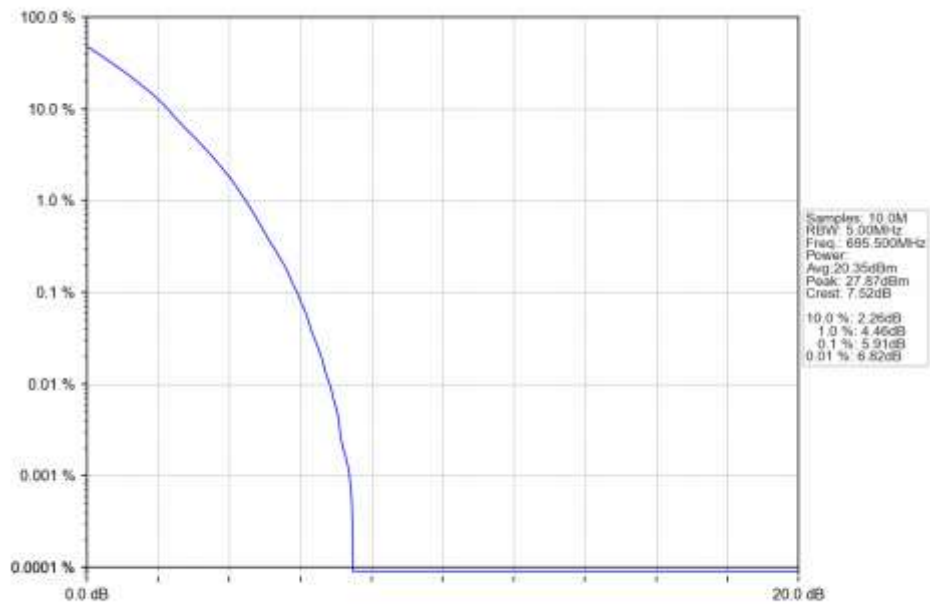
5G NR n71 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	673	Outer Full	5.84	/	/	<=13	Pass
	680.5	Outer Full	5.88	/	/	<=13	Pass
	688	Outer Full	5.88	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	673	Outer Full	6.52	/	/	<=13	Pass
	680.5	Outer Full	6.63	/	/	<=13	Pass
	688	Outer Full	6.61	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	673	Outer Full	6.69	/	/	<=13	Pass
	680.5	Outer Full	6.74	/	/	<=13	Pass
	688	Outer Full	6.60	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	673	Outer Full	6.67	/	/	<=13	Pass
	680.5	Outer Full	6.65	/	/	<=13	Pass
	688	Outer Full	6.52	/	/	<=13	Pass
CP-OFDM QPSK	673	Outer Full	8.35	/	/	<=13	Pass
	680.5	Outer Full	9.11	/	/	<=13	Pass
	688	Outer Full	8.45	/	/	<=13	Pass
CP-OFDM 16 QAM	673	Outer Full	8.37	/	/	<=13	Pass
	680.5	Outer Full	8.38	/	/	<=13	Pass
	688	Outer Full	8.40	/	/	<=13	Pass
CP-OFDM 64 QAM	673	Outer Full	8.42	/	/	<=13	Pass
	680.5	Outer Full	8.21	/	/	<=13	Pass
	688	Outer Full	8.40	/	/	<=13	Pass
CP-OFDM 256 QAM	673	Outer Full	8.69	/	/	<=13	Pass
	680.5	Outer Full	8.40	/	/	<=13	Pass
	688	Outer Full	8.51	/	/	<=13	Pass

5.2 Test Graph

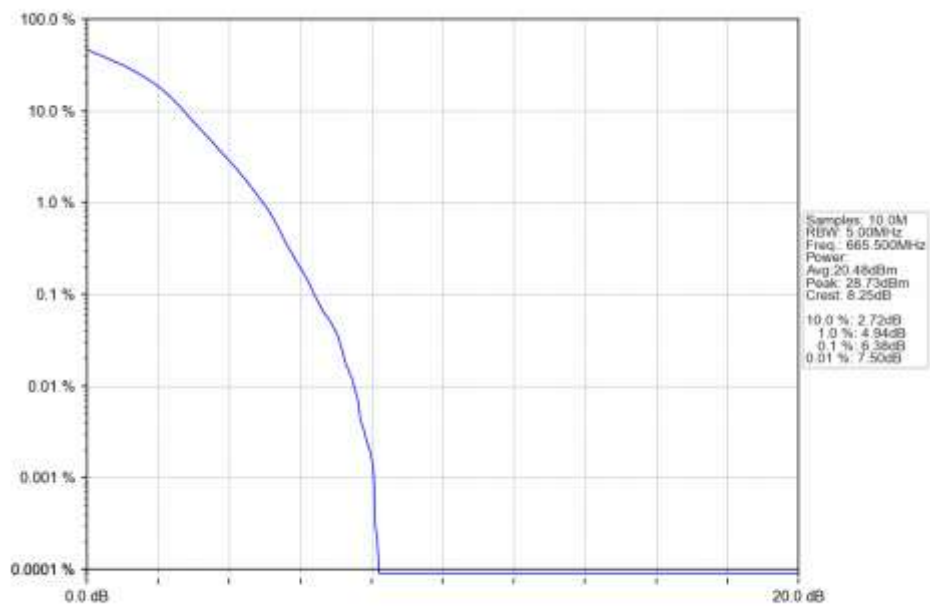
5.2.1 15k_SISO_5MHz_NTNV



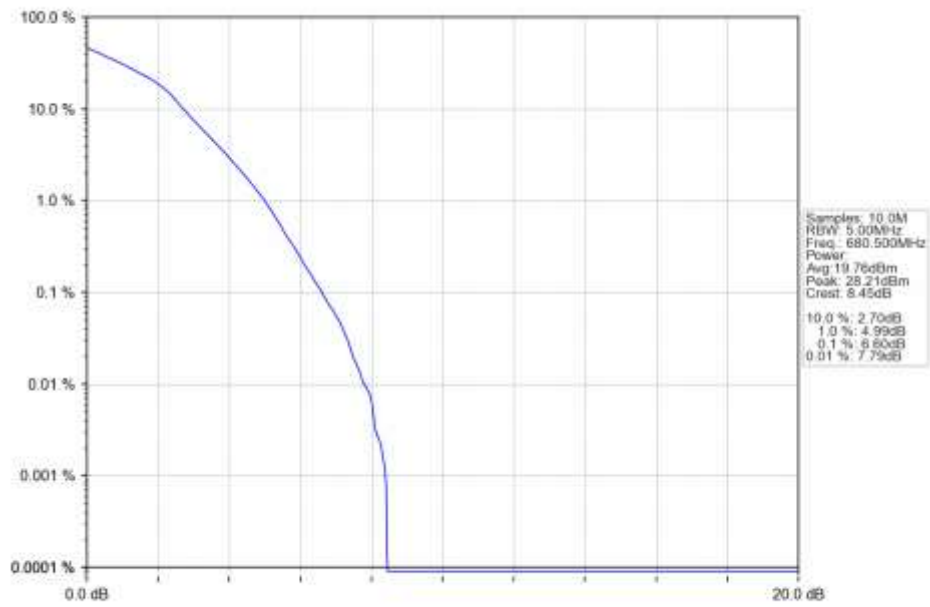
n71 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 695.5MHz Outer Full Ant1



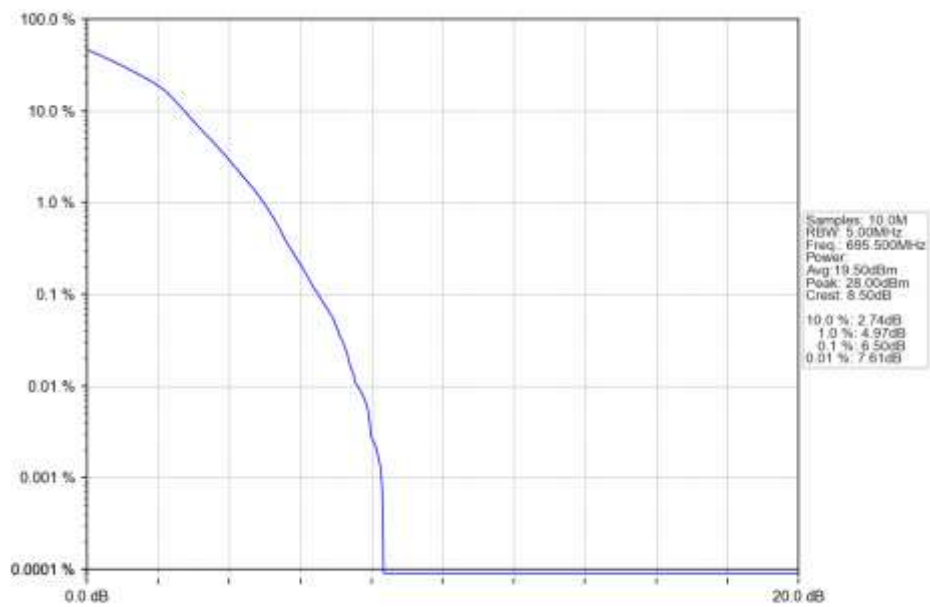
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 665.5MHz Outer Full Ant1



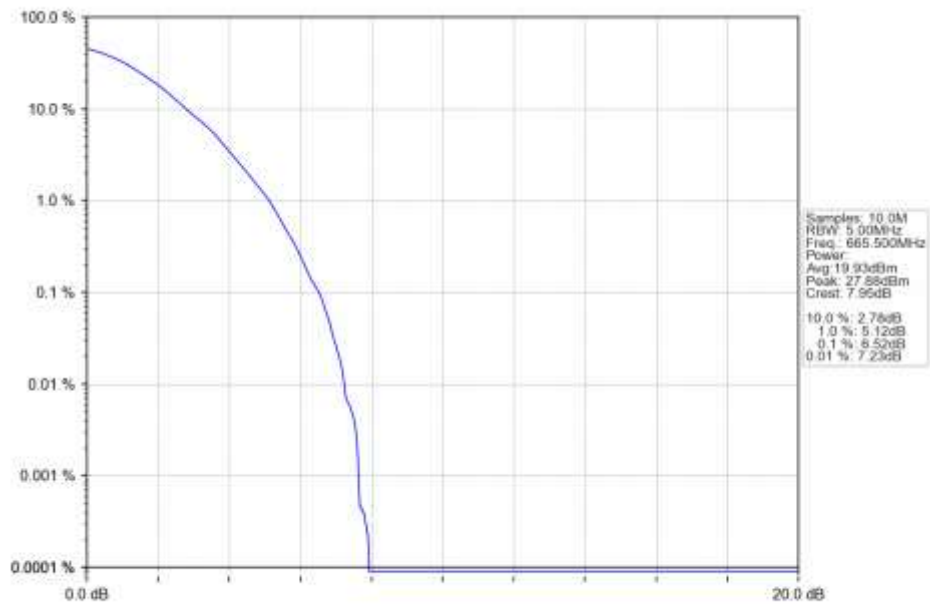
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



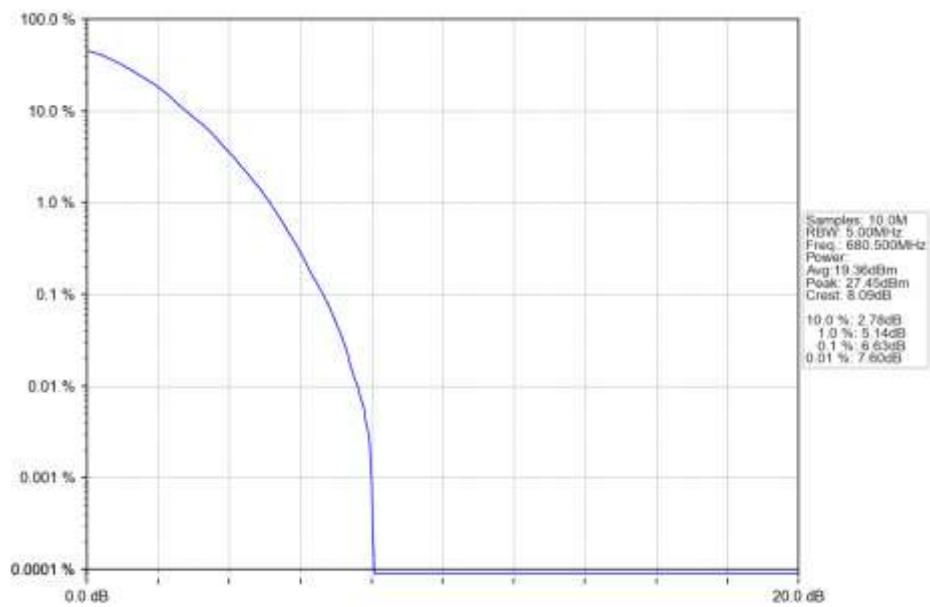
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 695.5MHz Outer Full Ant1



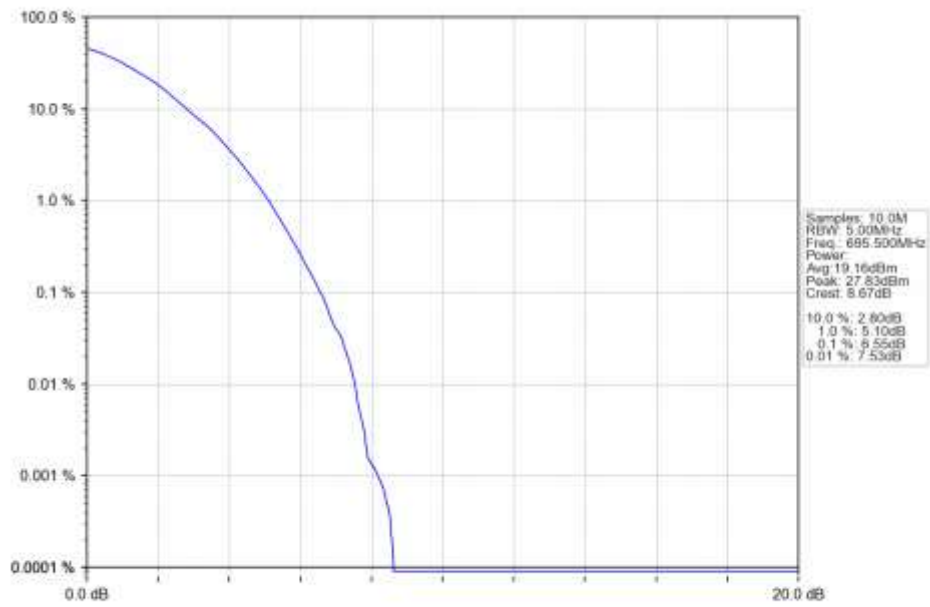
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 665.5MHz Outer Full Ant1



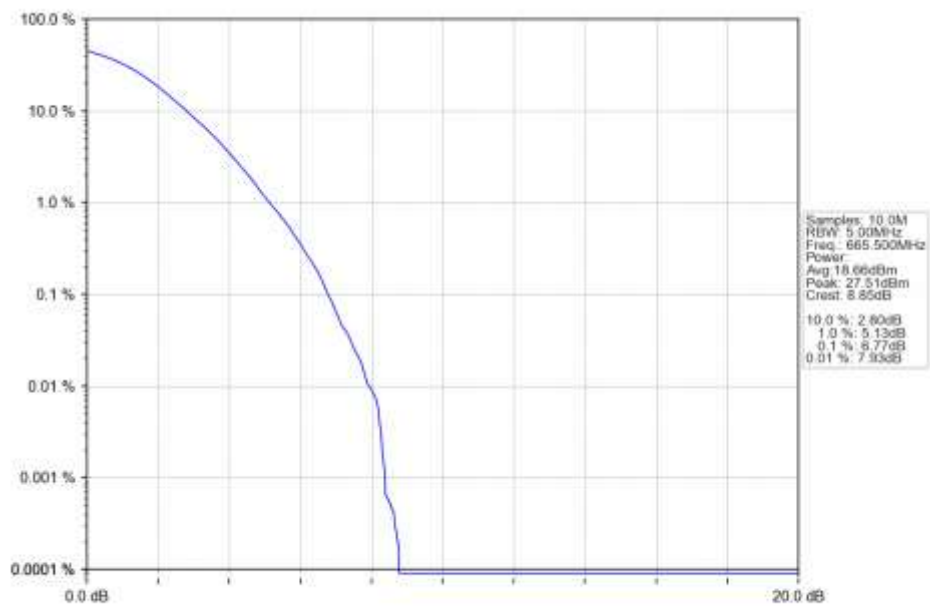
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



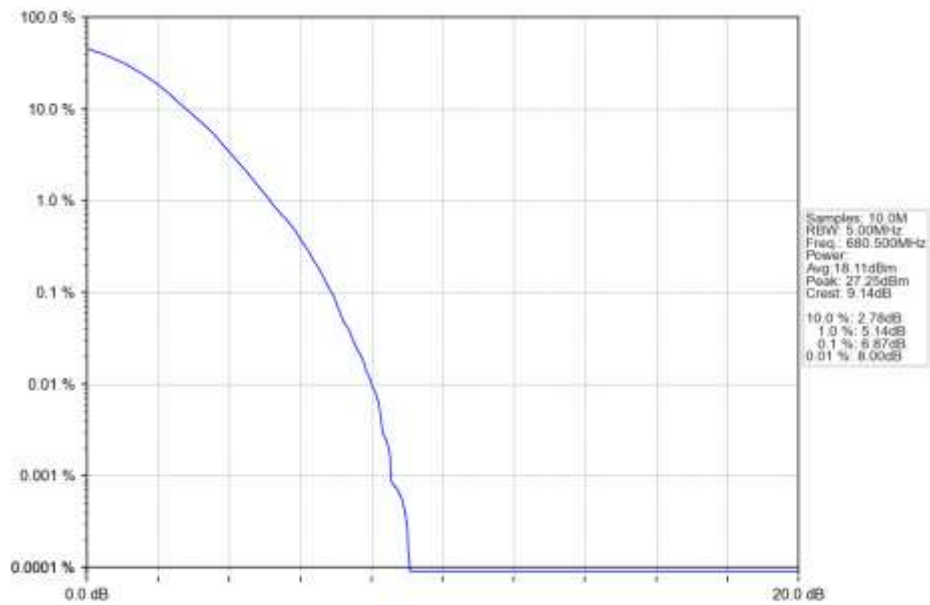
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 695.5MHz Outer Full Ant1



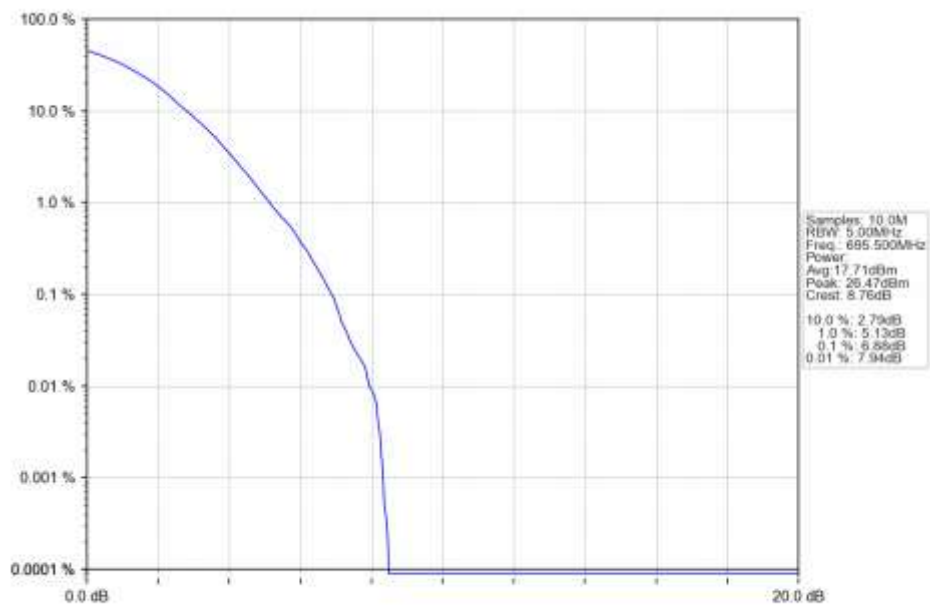
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 665.5MHz Outer Full Ant1



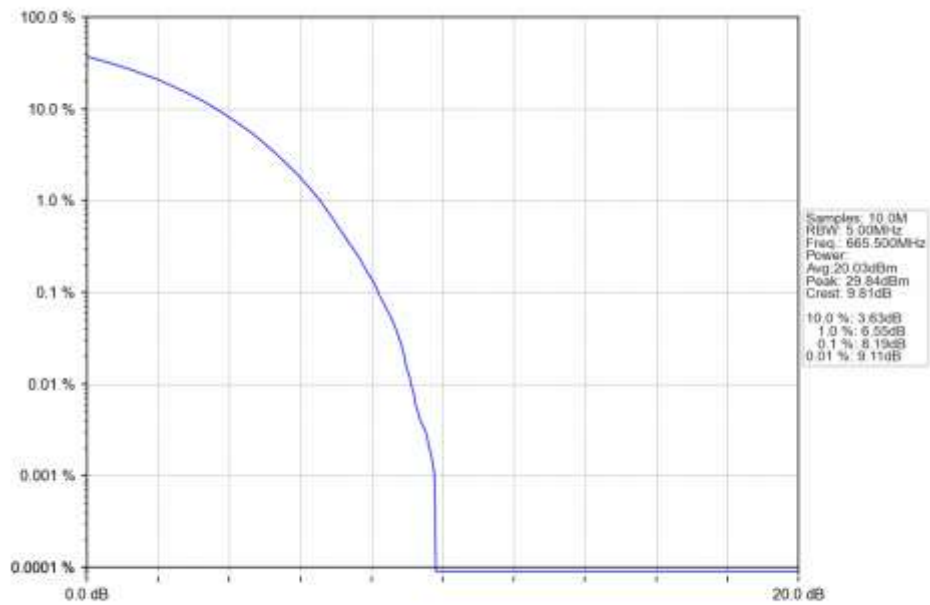
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



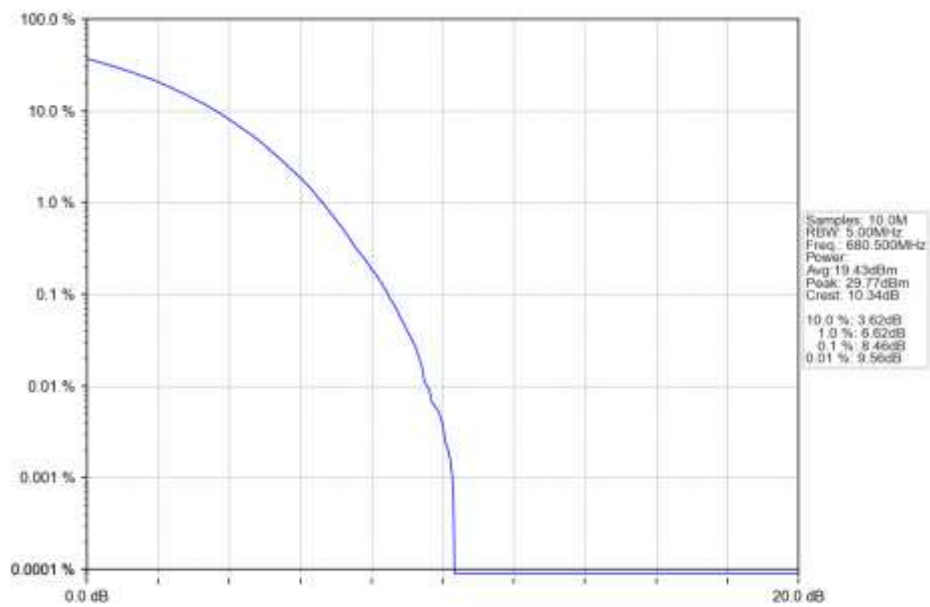
n71 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 695.5MHz Outer Full Ant1



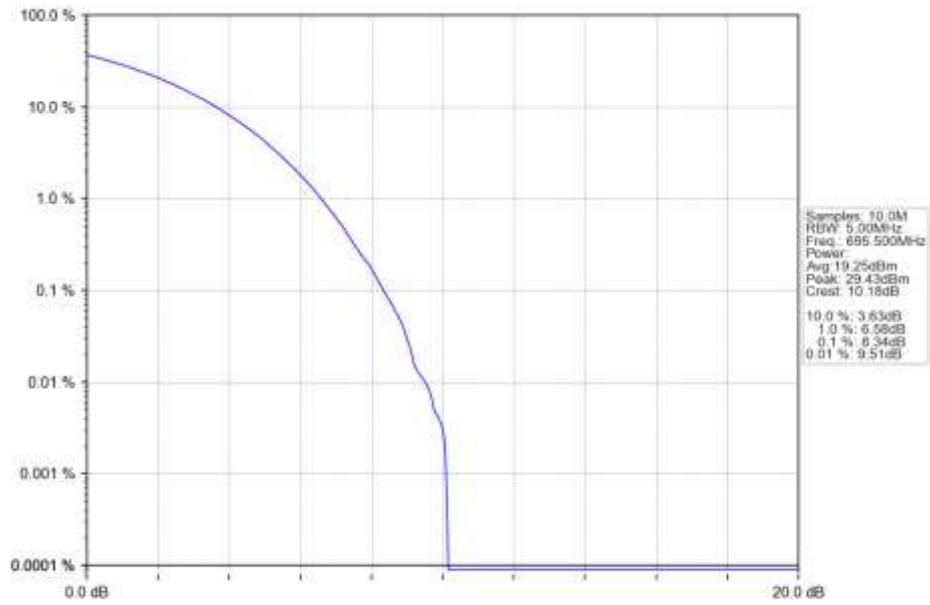
n71 15kHz SISO NTN 5MHz CP-OFDM QPSK 665.5MHz Outer Full Ant1



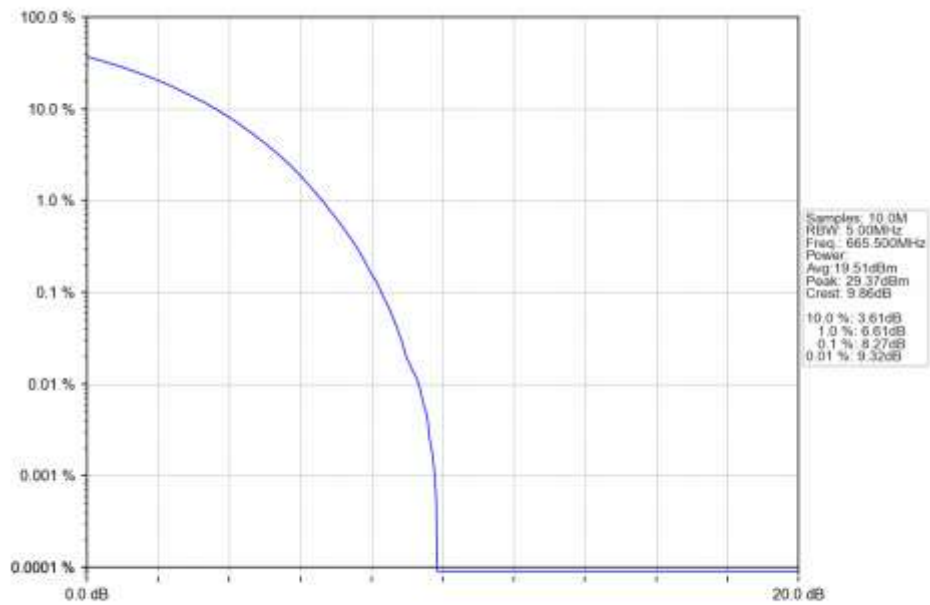
n71 15kHz SISO NTN 5MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



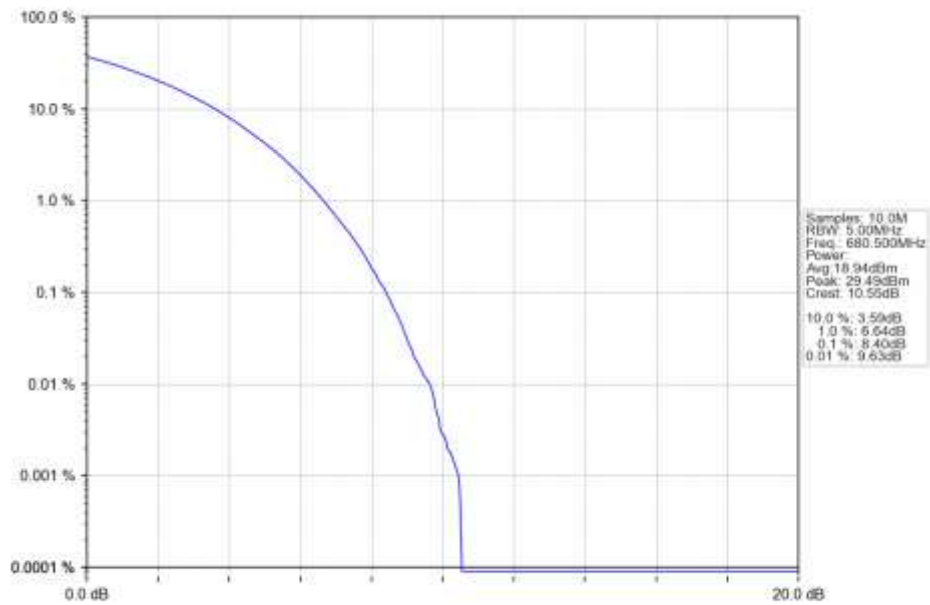
n71 15kHz SISO NTN 5MHz CP-OFDM QPSK 695.5MHz Outer Full Ant1



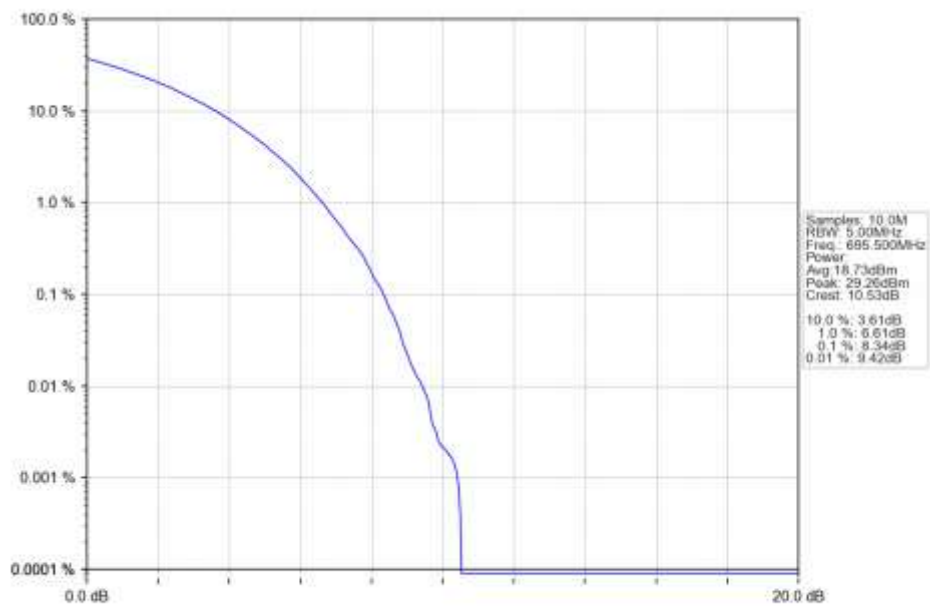
n71 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 665.5MHz Outer Full Ant1



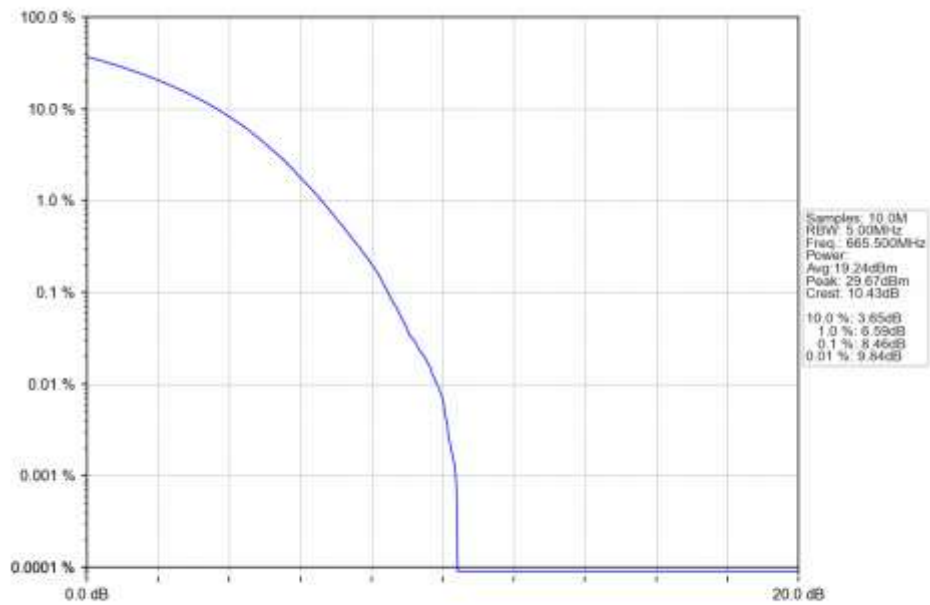
n71 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



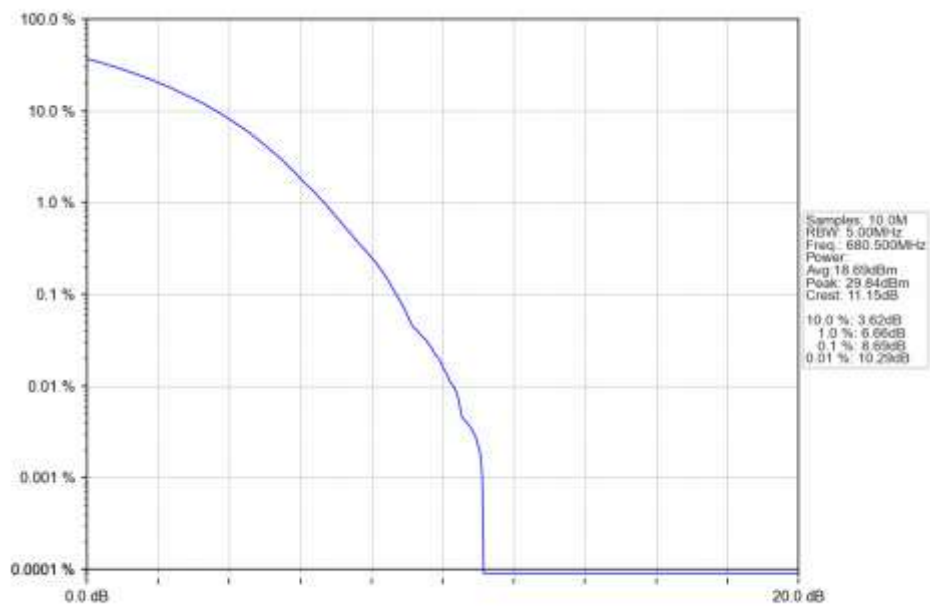
n71 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 695.5MHz Outer Full Ant1



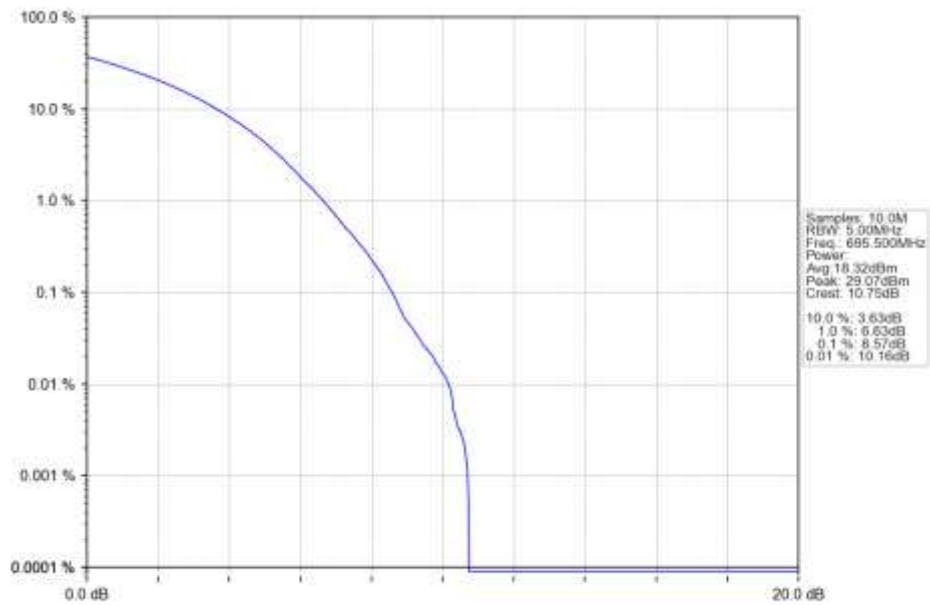
n71 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 665.5MHz Outer Full Ant1



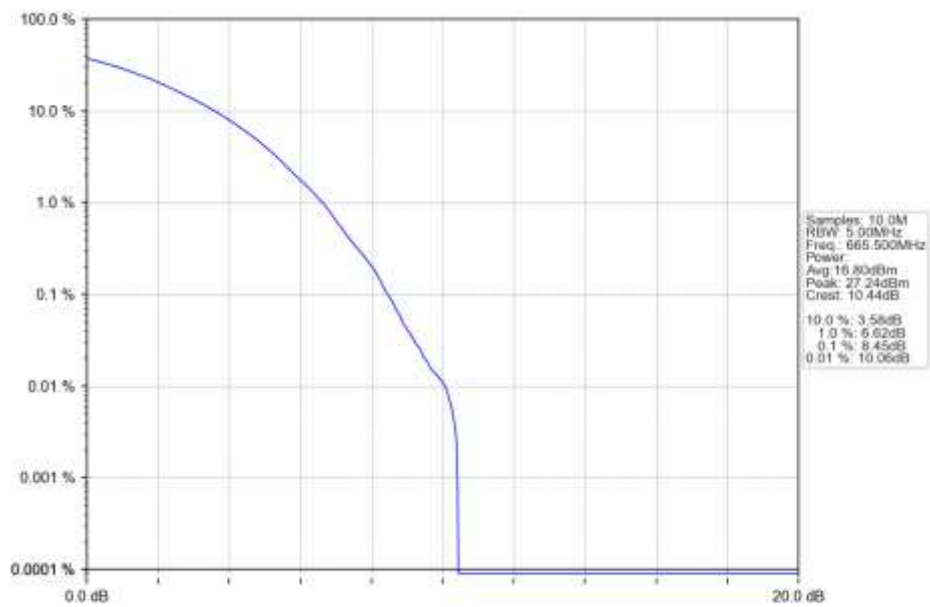
n71 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



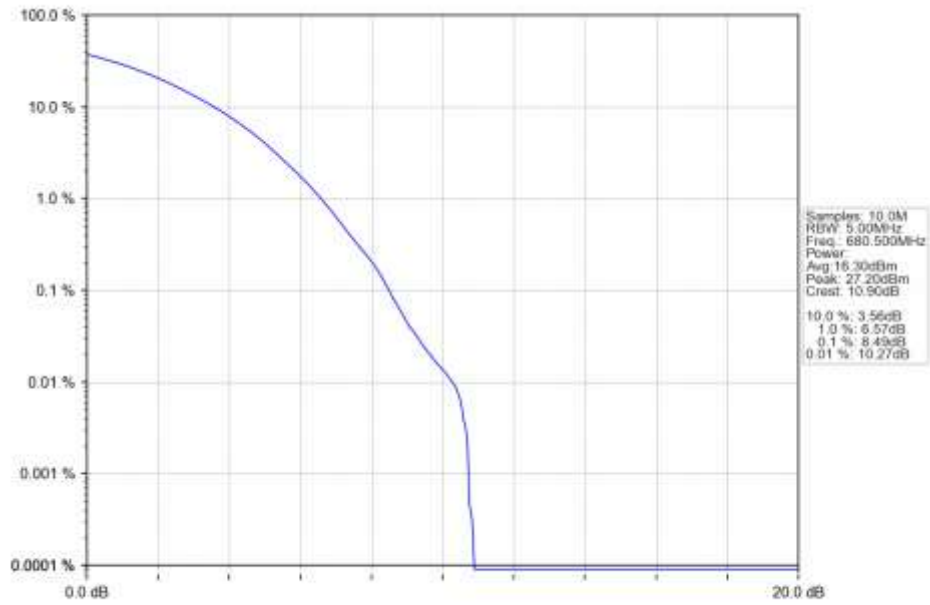
n71 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 695.5MHz Outer Full Ant1



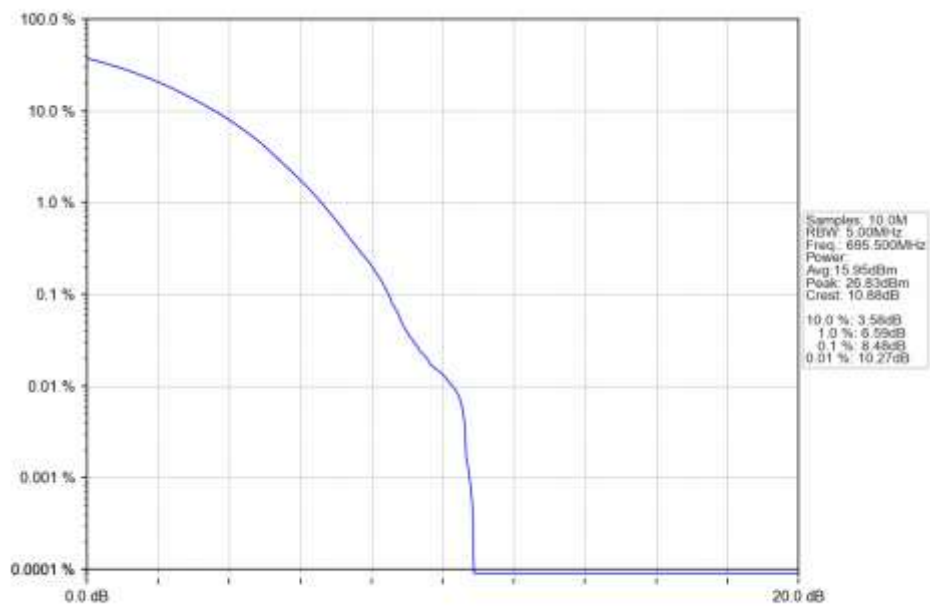
n71 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 665.5MHz Outer Full Ant1



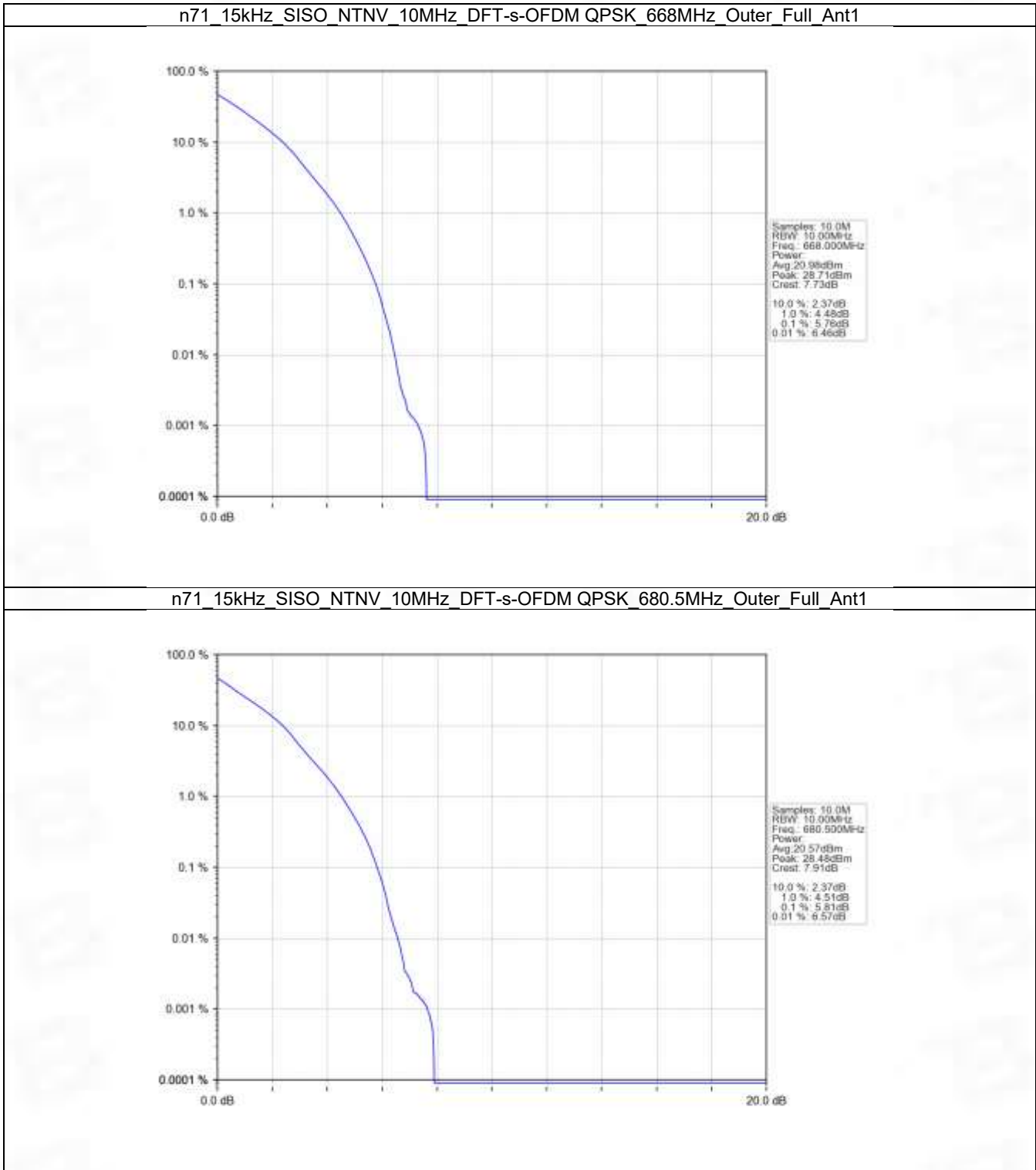
n71 15kHz SISO NTV 5MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



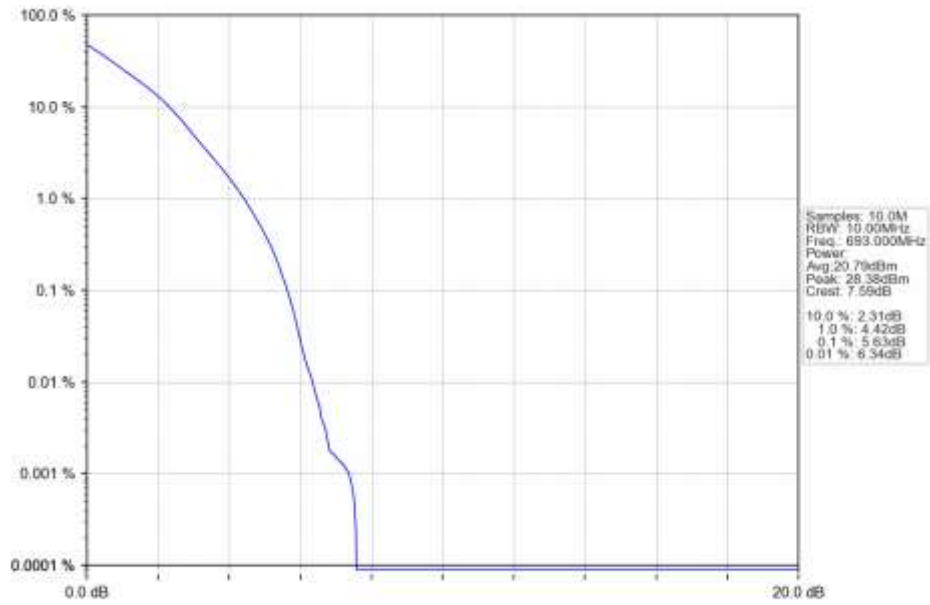
n71 15kHz SISO NTV 5MHz CP-OFDM 256 QAM 695.5MHz Outer Full Ant1



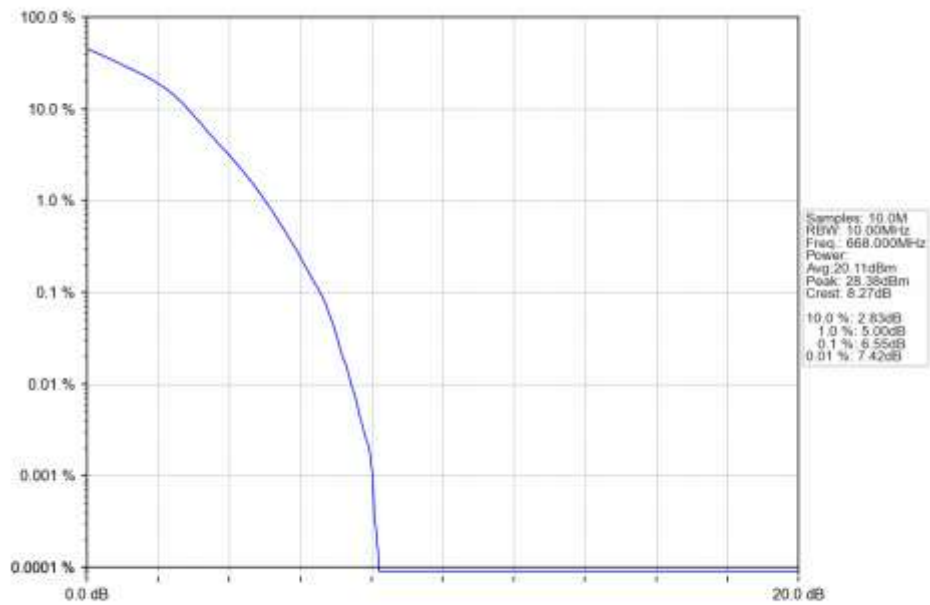
5.2.2 15k_SISO_10MHz_NTNV



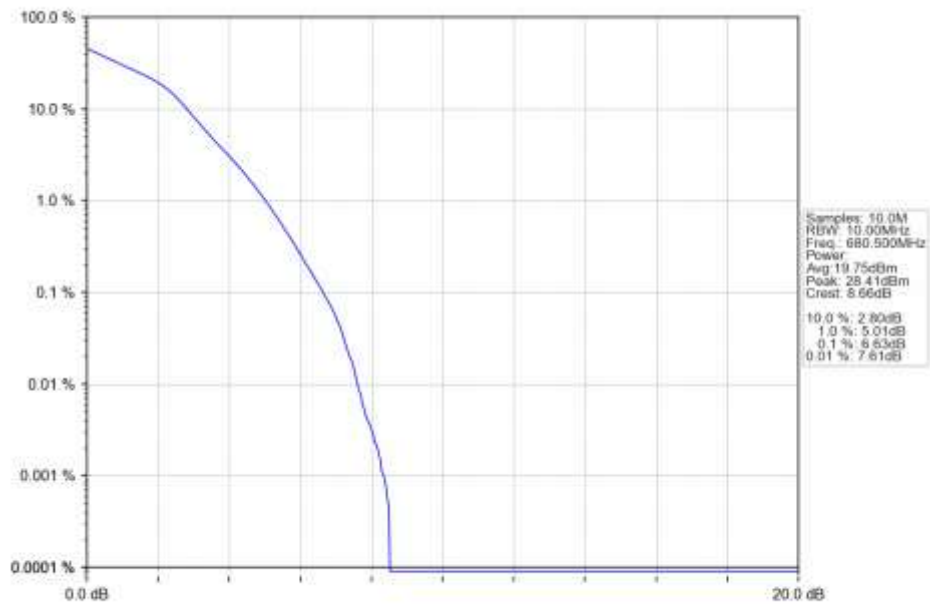
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Outer Full Ant1



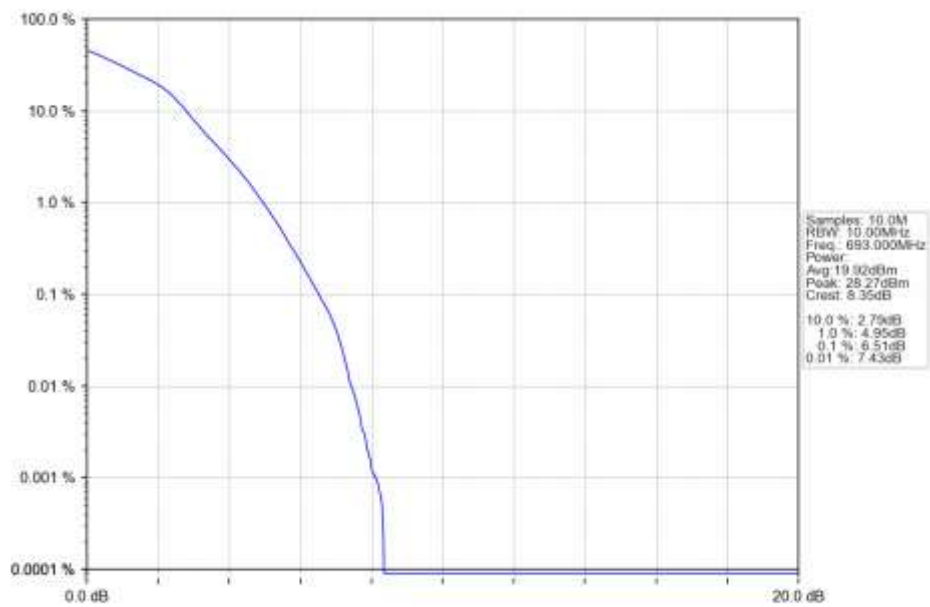
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 668MHz Outer Full Ant1



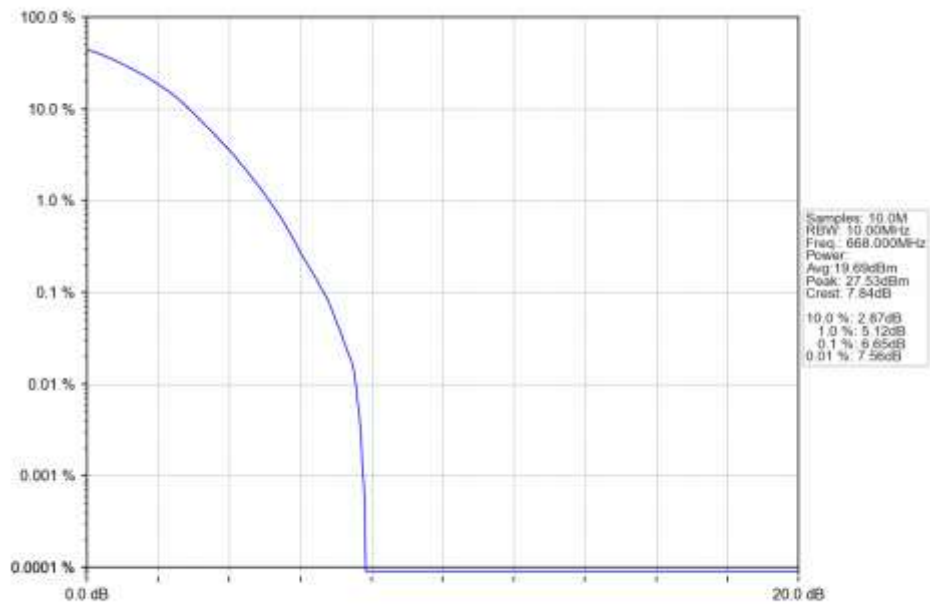
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



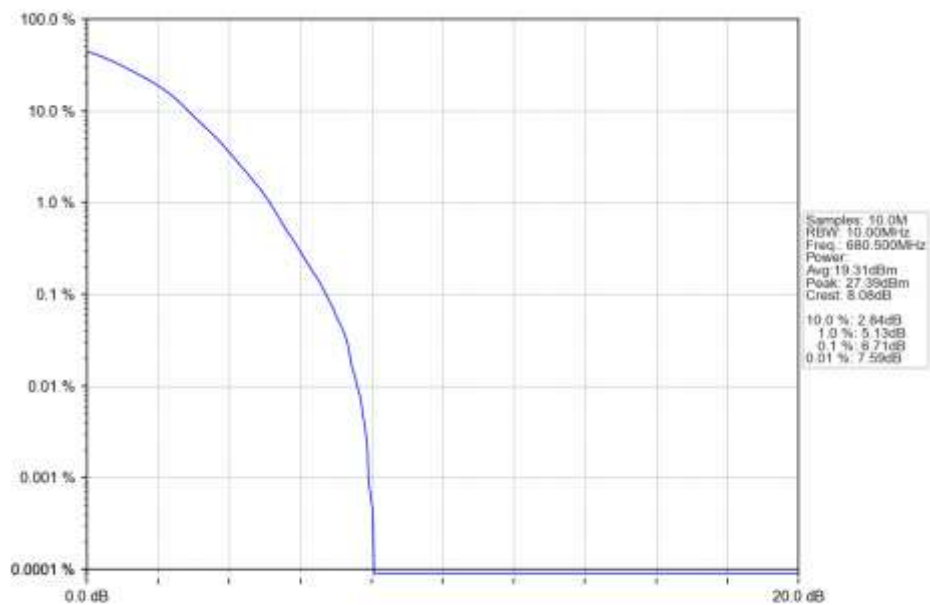
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 693MHz Outer Full Ant1



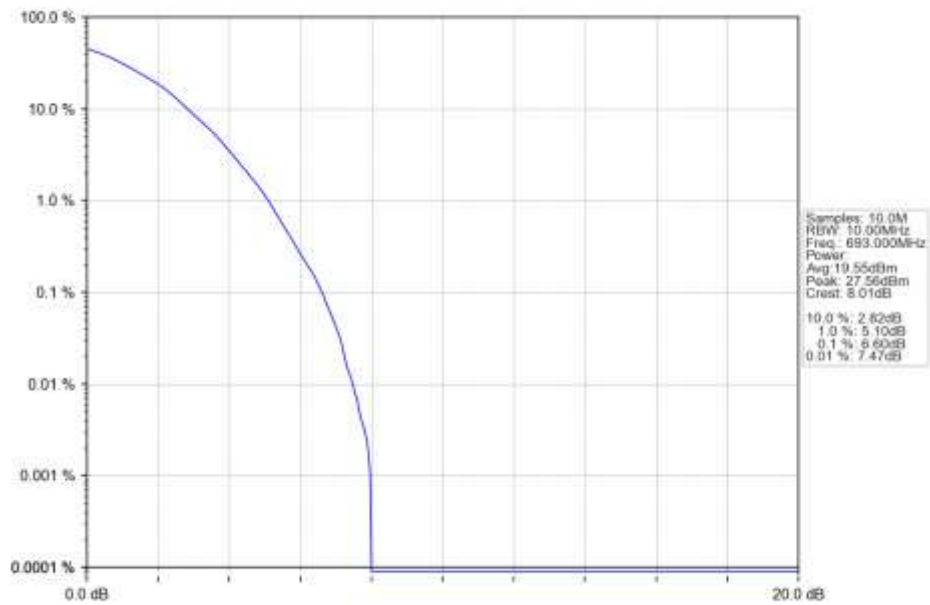
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 668MHz Outer Full Ant1



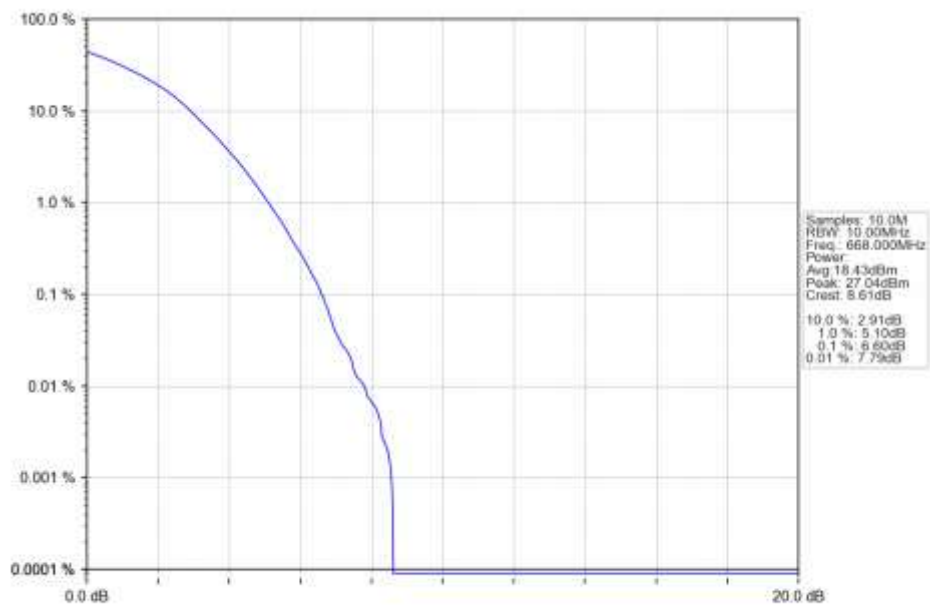
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



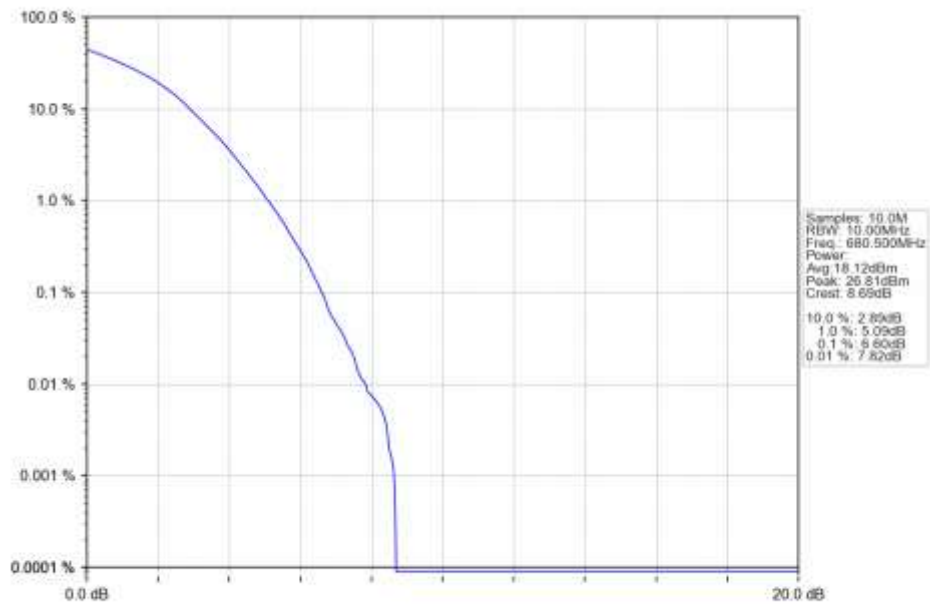
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 693MHz Outer Full Ant1



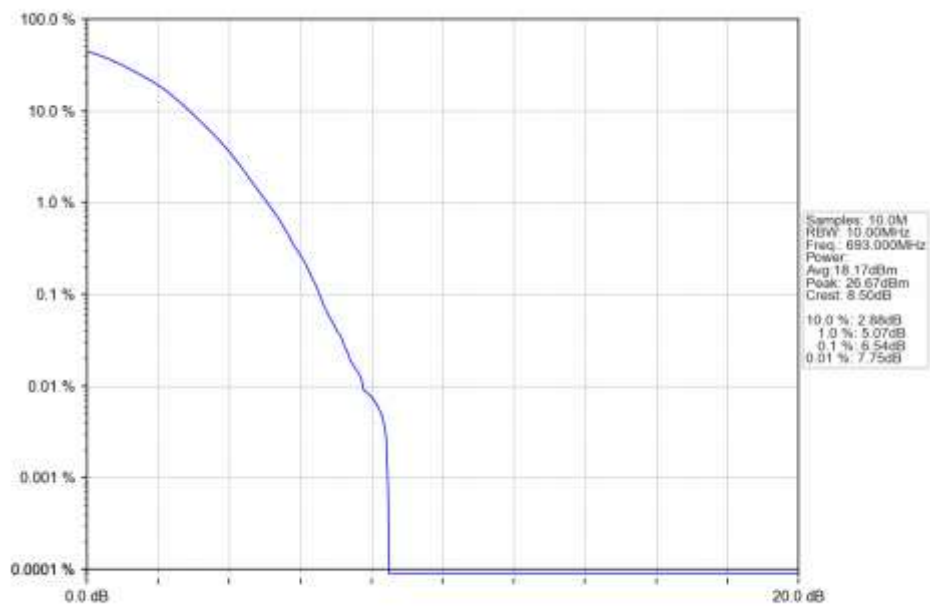
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 668MHz Outer Full Ant1



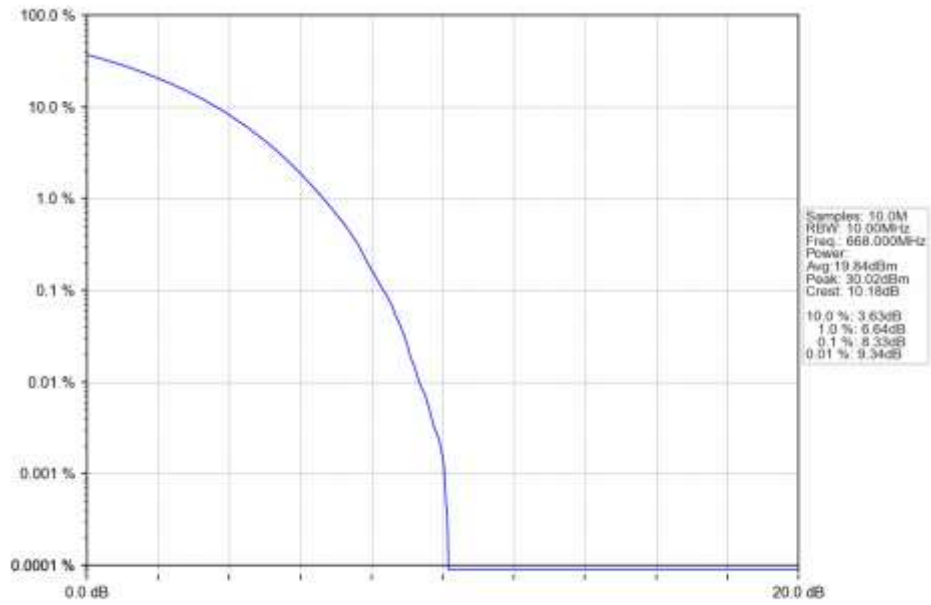
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



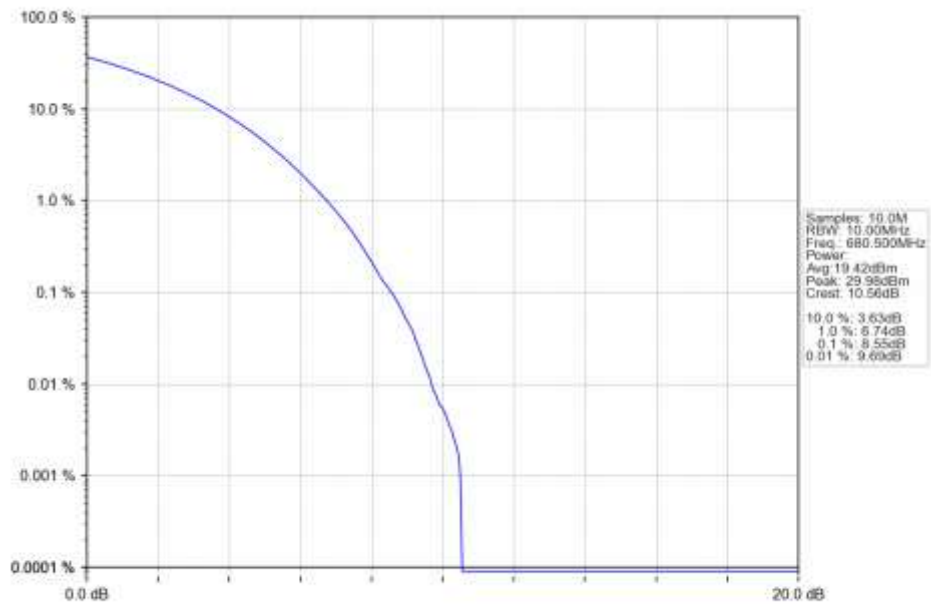
n71 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 693MHz Outer Full Ant1



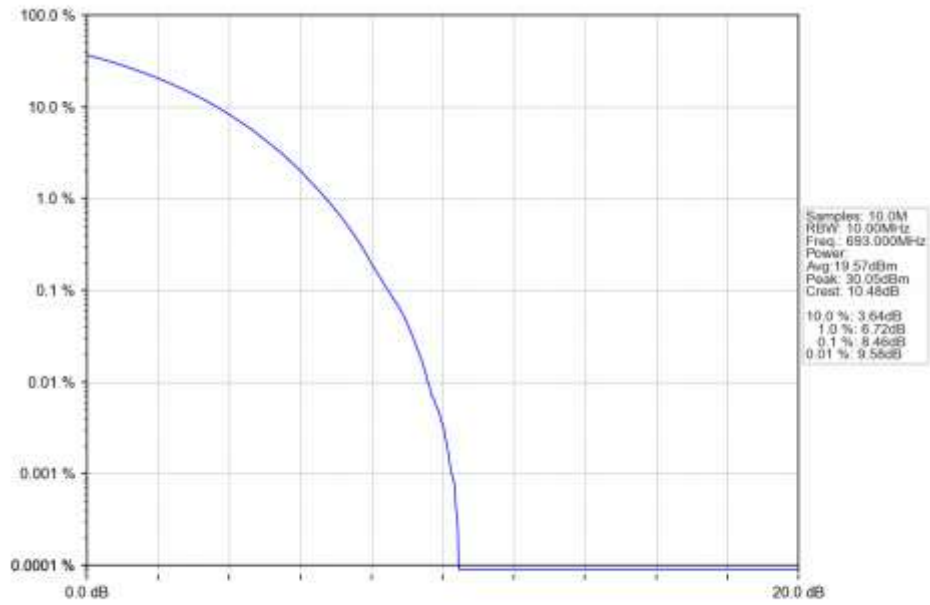
n71 15kHz SISO NTN 10MHz CP-OFDM QPSK 668MHz Outer Full Ant1



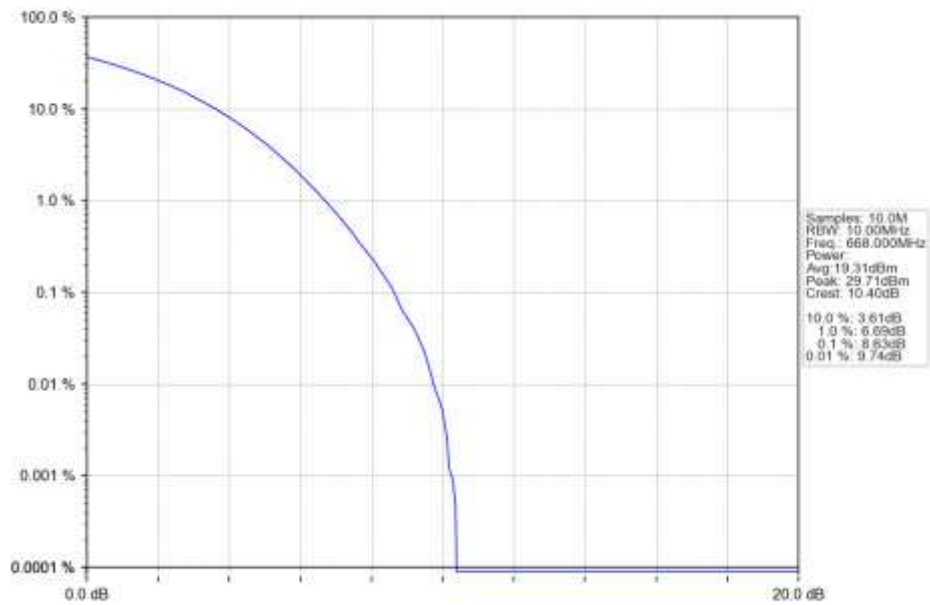
n71 15kHz SISO NTN 10MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



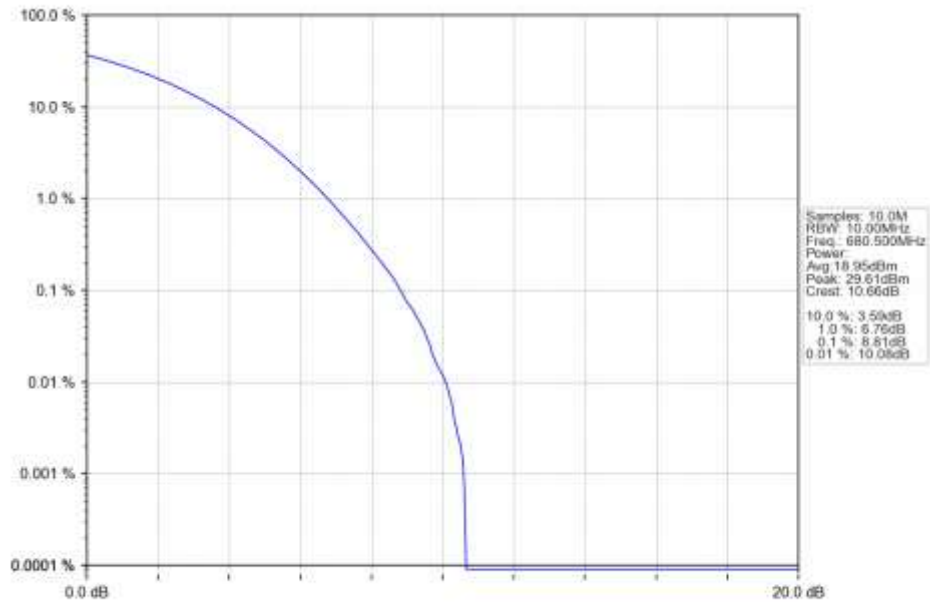
n71 15kHz SISO NTN 10MHz CP-OFDM QPSK 693MHz Outer Full Ant1



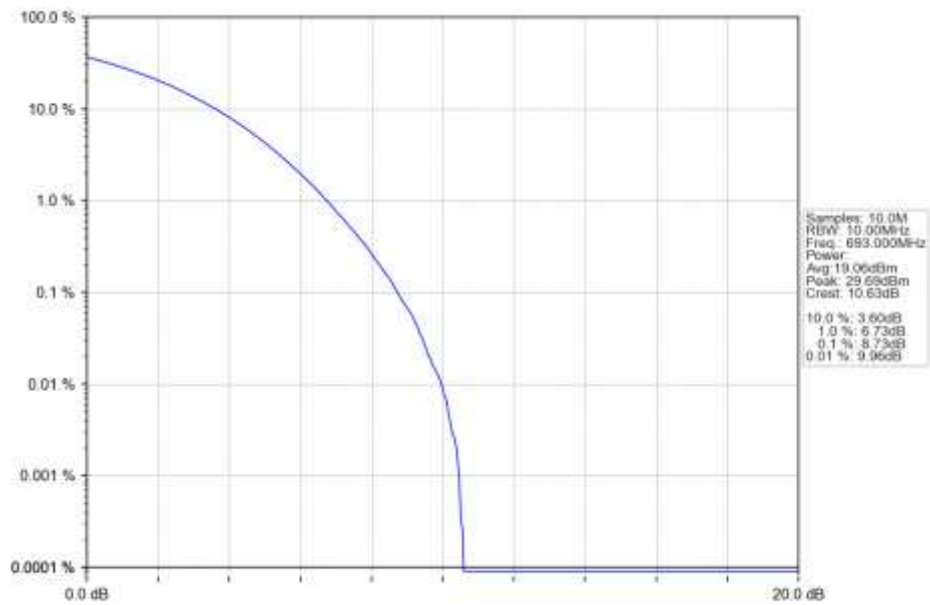
n71 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 668MHz Outer Full Ant1



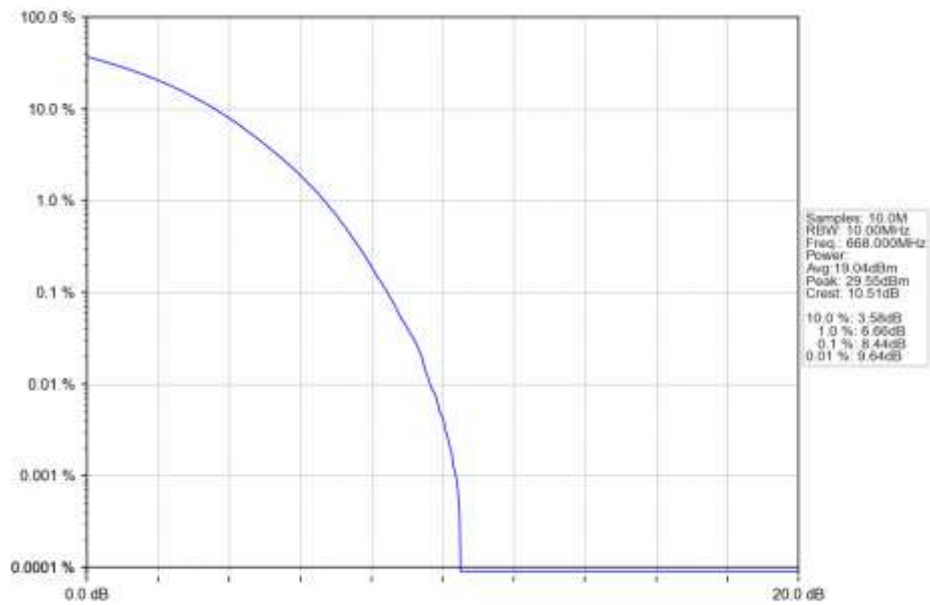
n71 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



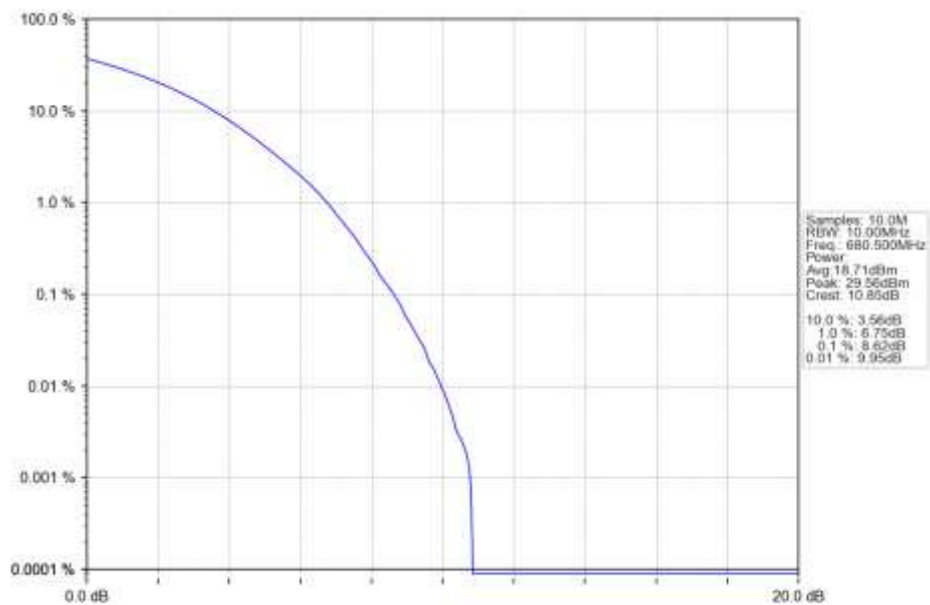
n71 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 693MHz Outer Full Ant1



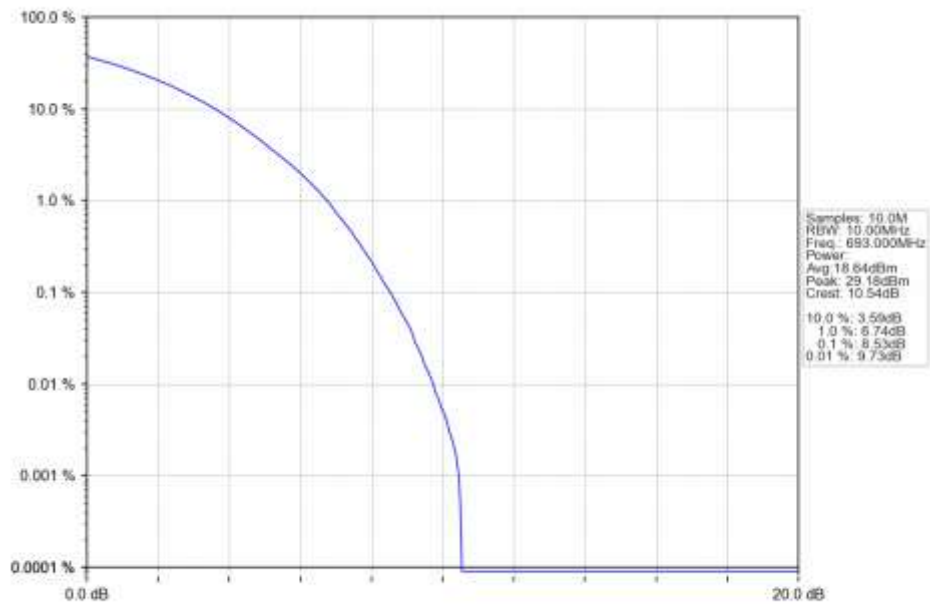
n71 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 668MHz Outer Full Ant1



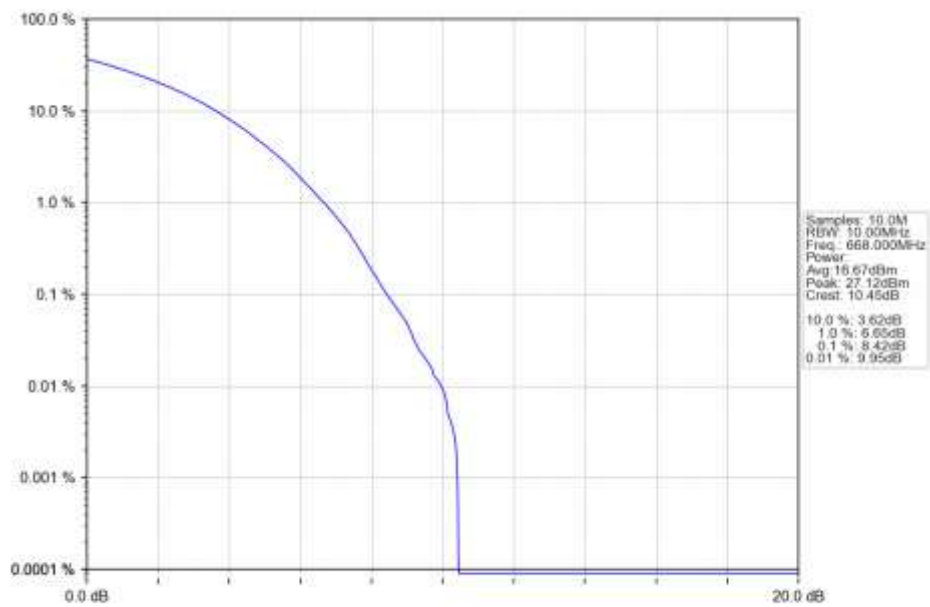
n71 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



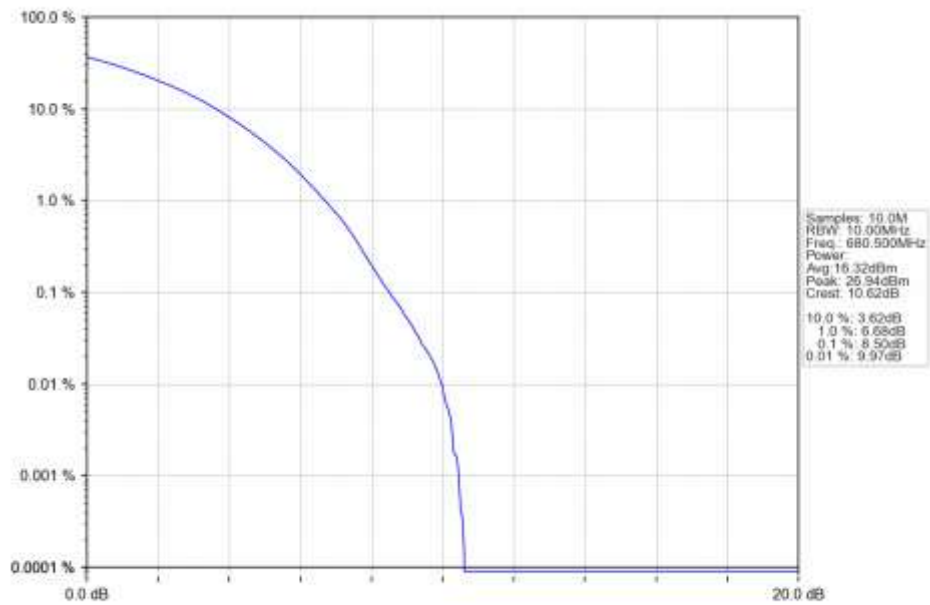
n71 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 693MHz Outer Full Ant1



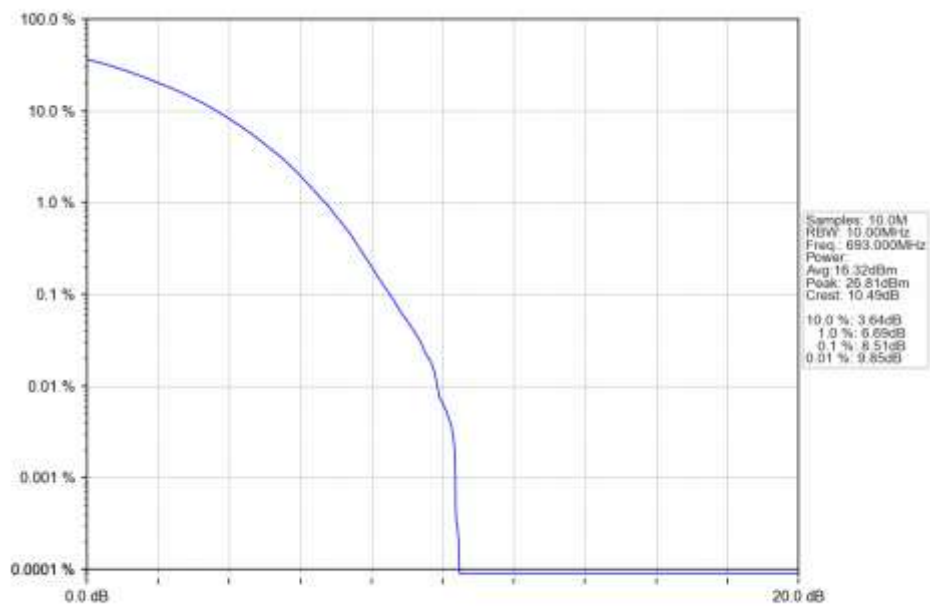
n71 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 668MHz Outer Full Ant1



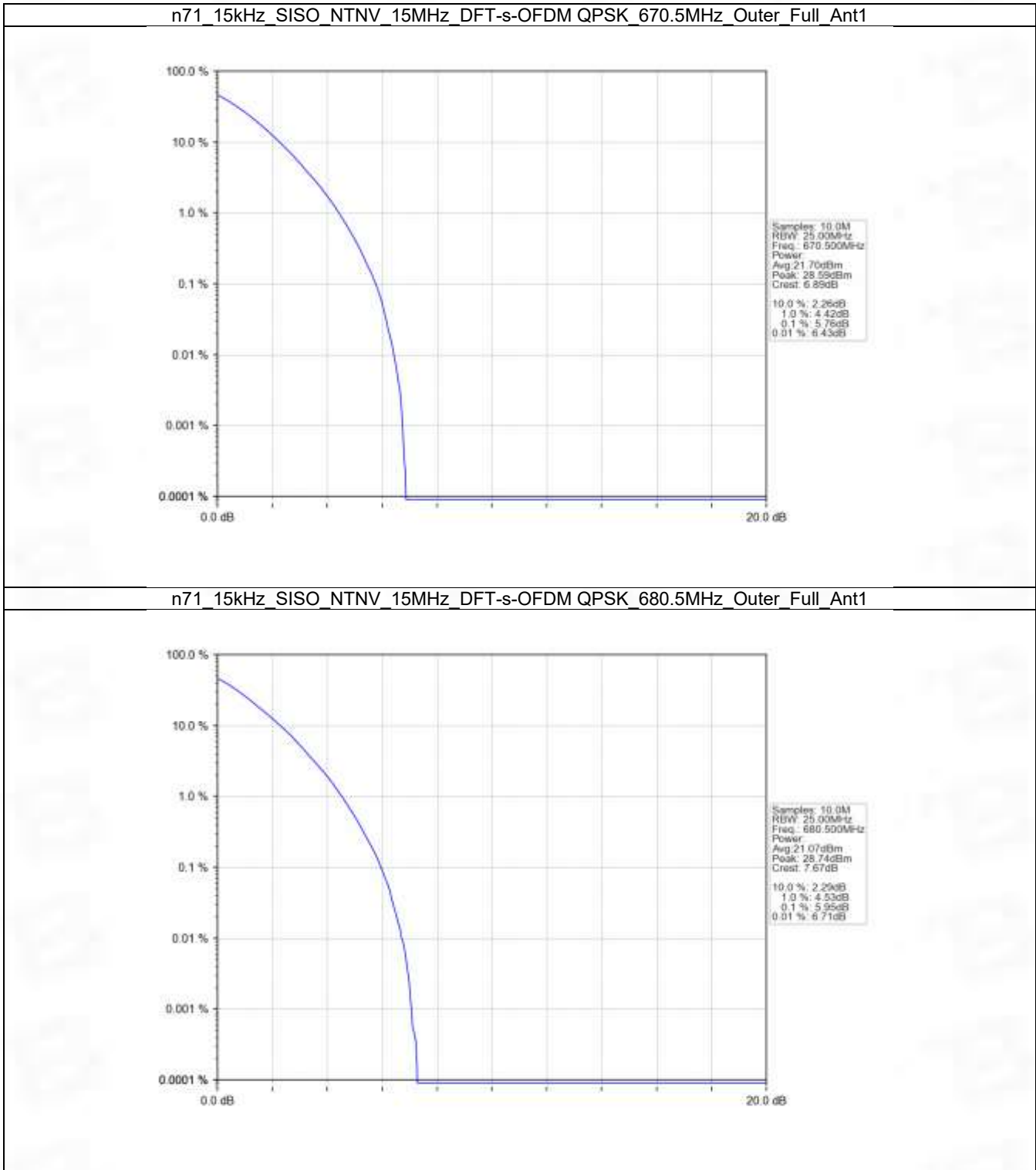
n71 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



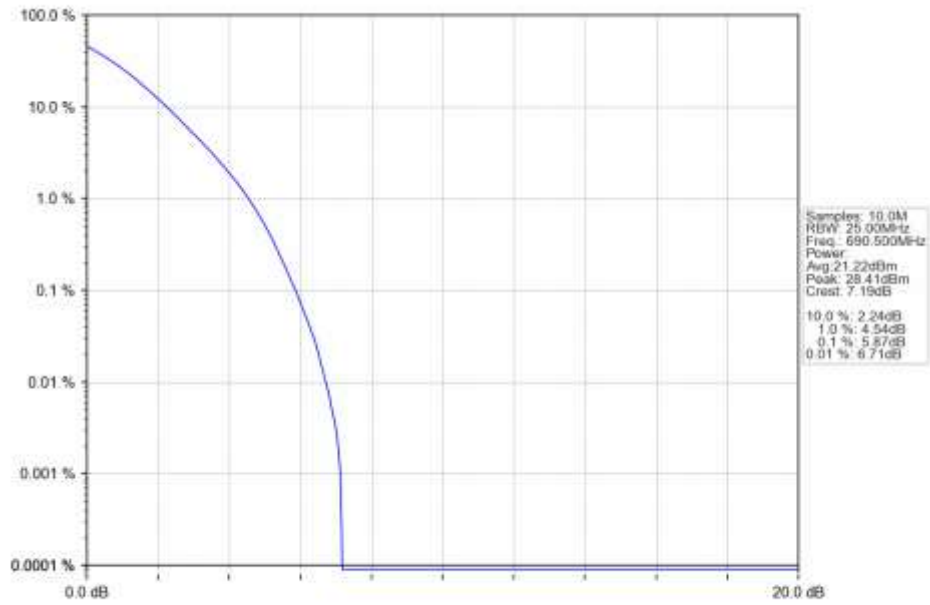
n71 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 693MHz Outer Full Ant1



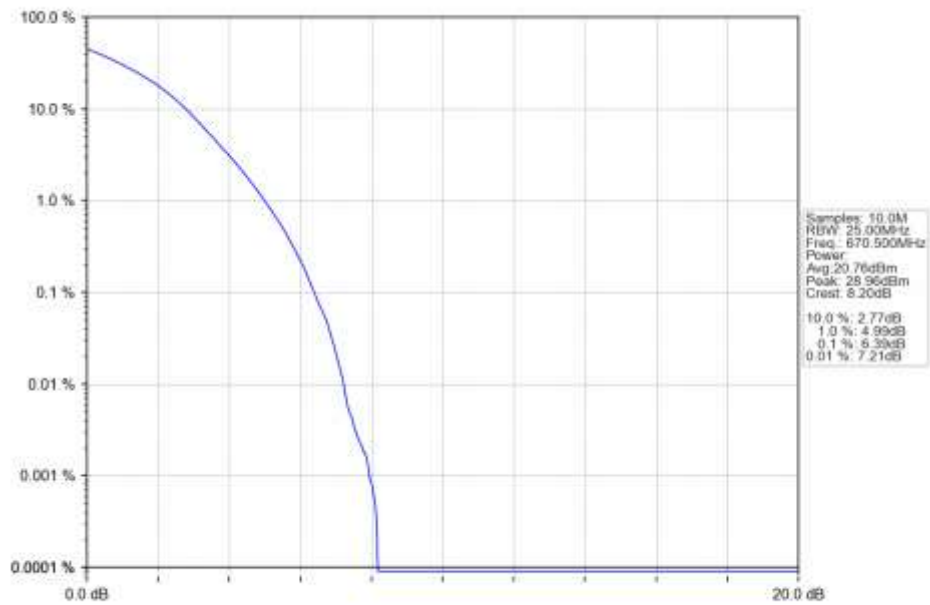
5.2.3 15k_SISO_15MHz_NTNV



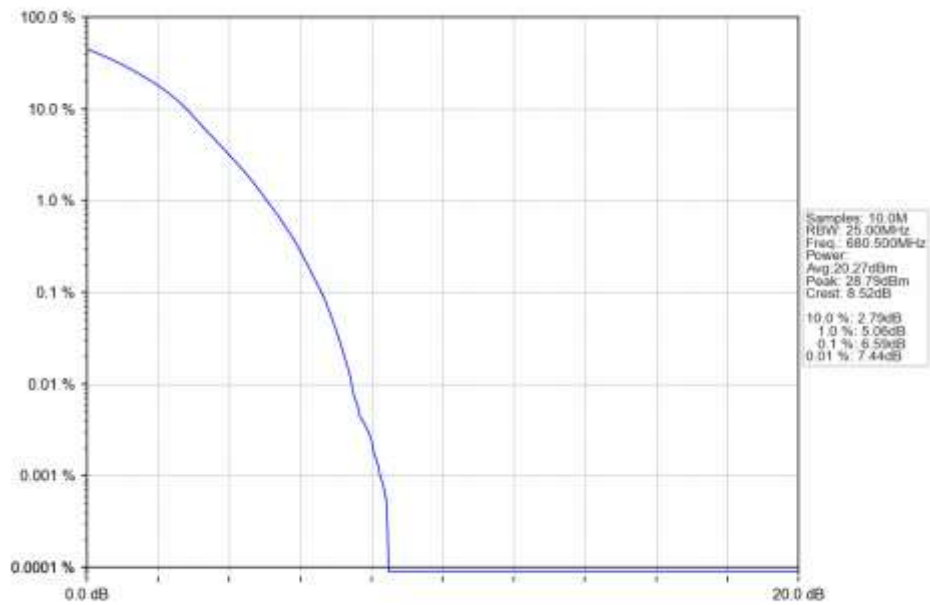
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Outer Full Ant1



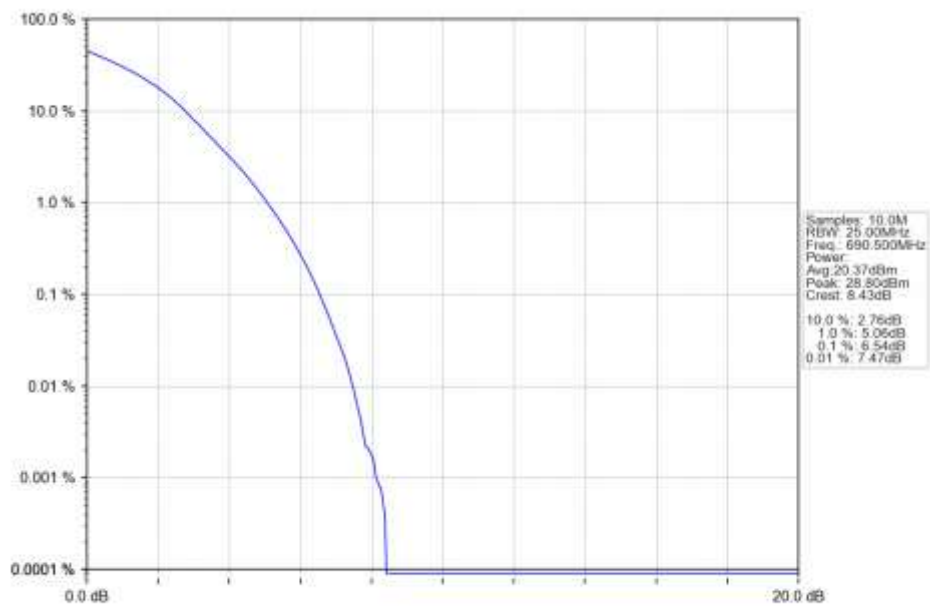
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 670.5MHz Outer Full Ant1



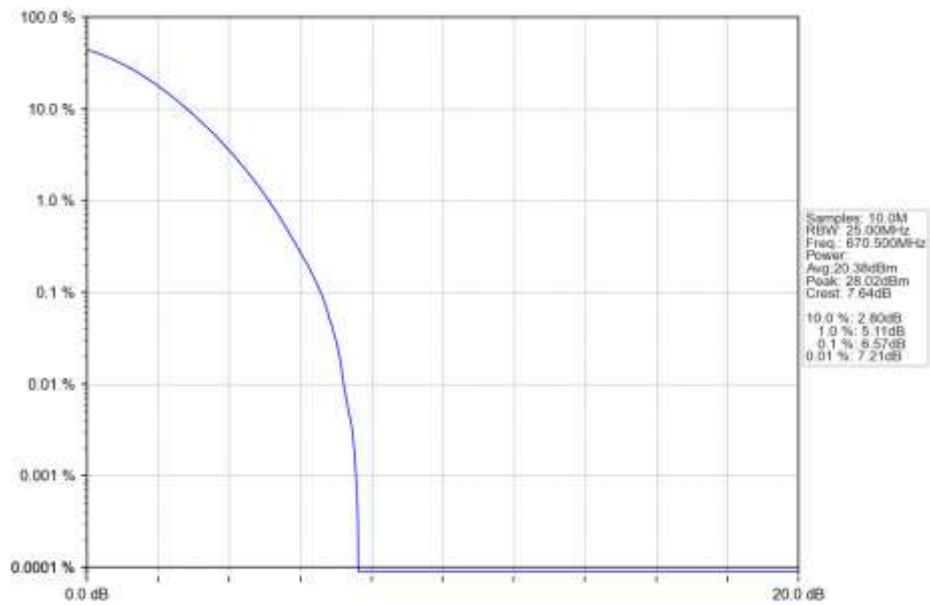
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



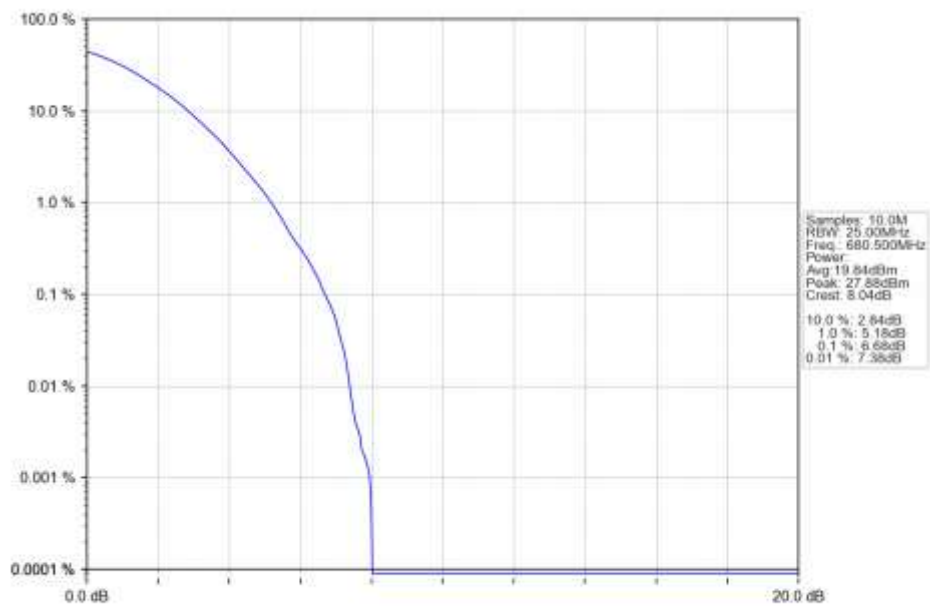
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 690.5MHz Outer Full Ant1



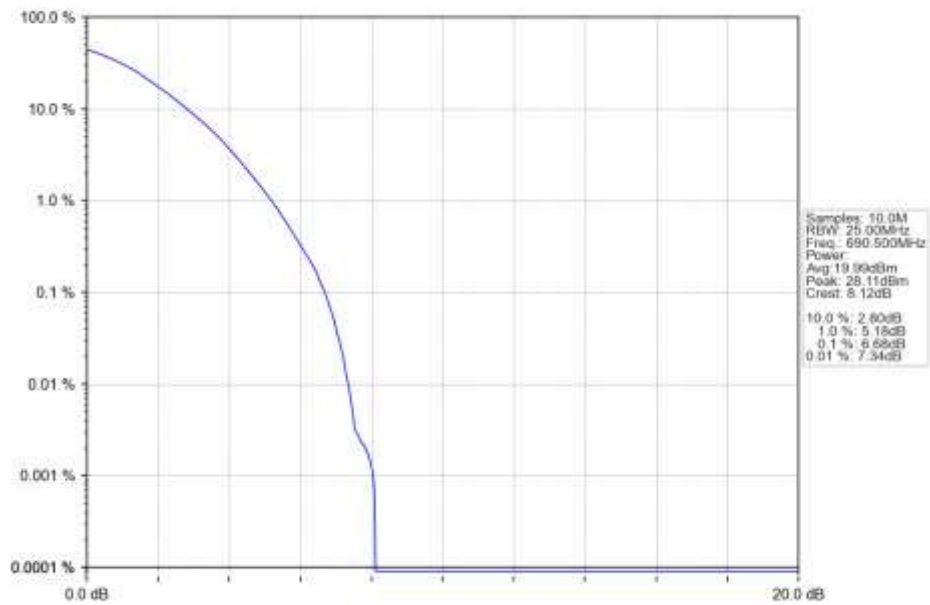
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 670.5MHz Outer Full Ant1



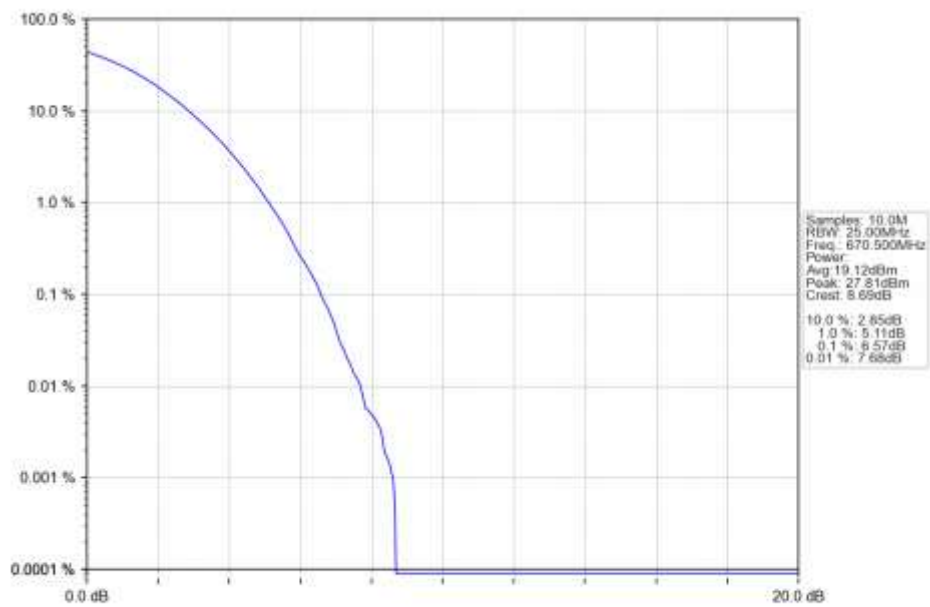
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



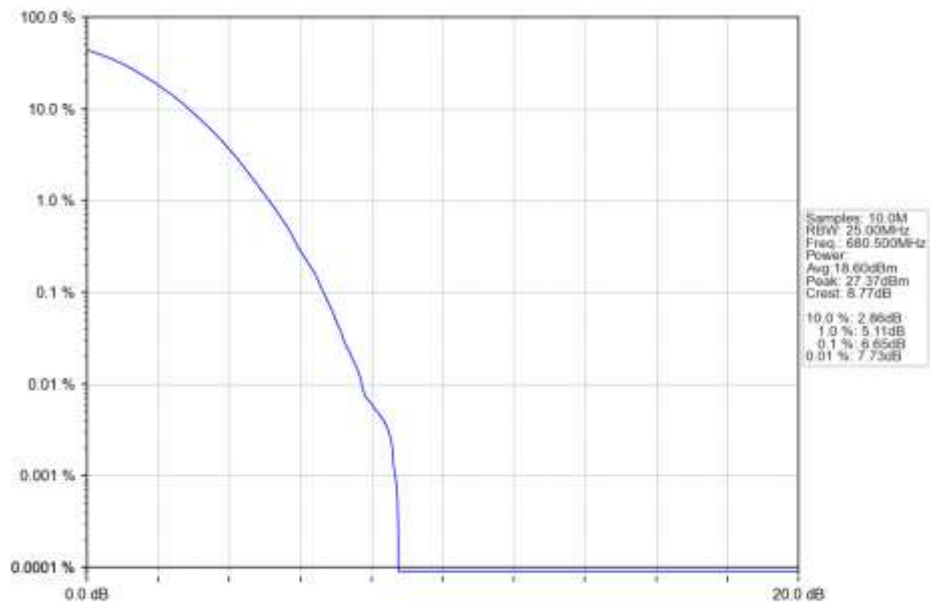
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 690.5MHz Outer Full Ant1



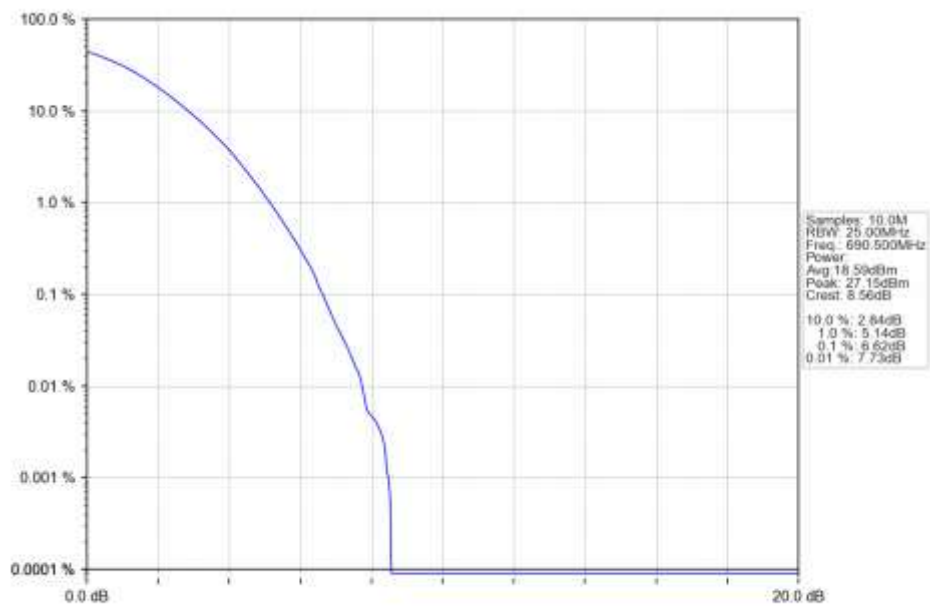
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 670.5MHz Outer Full Ant1



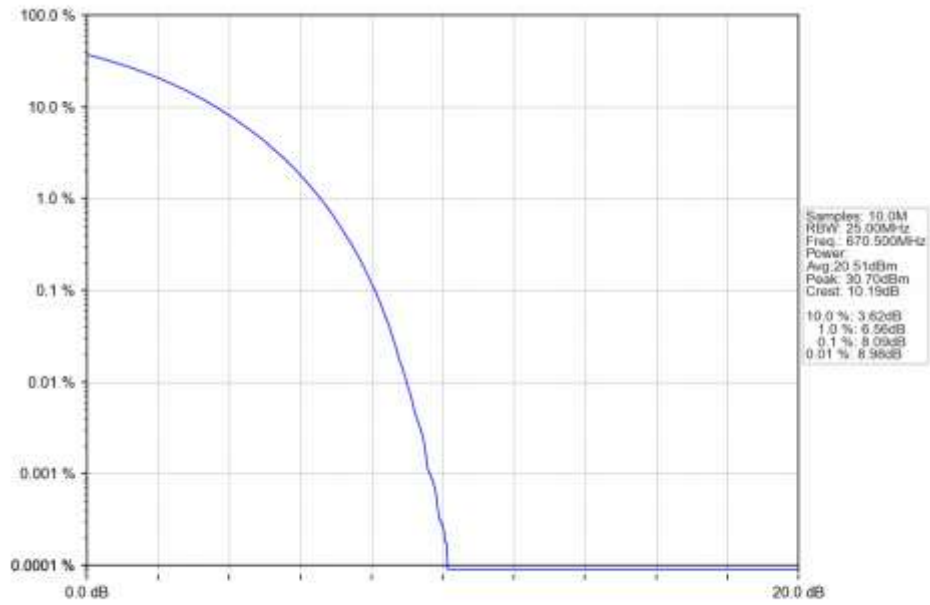
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



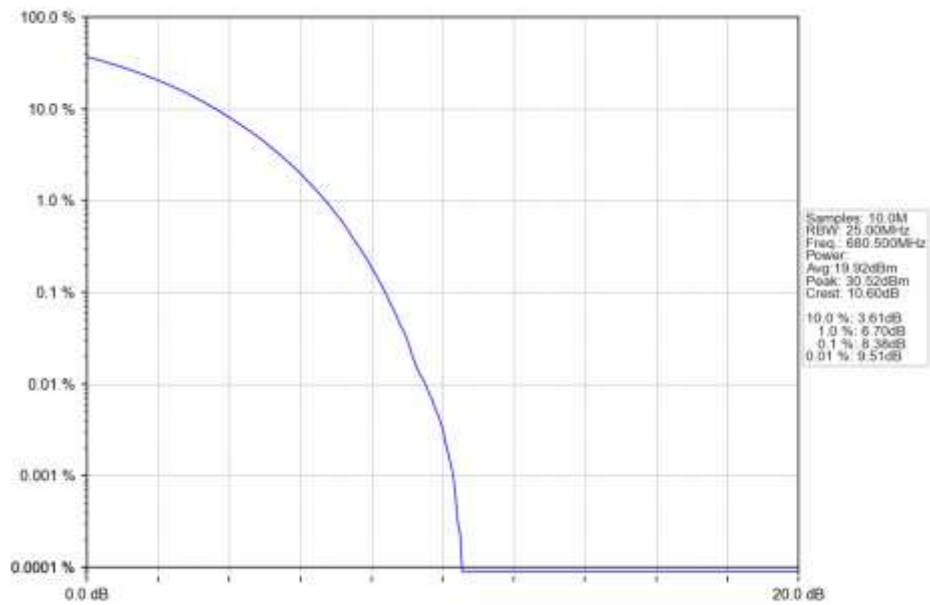
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 690.5MHz Outer Full Ant1



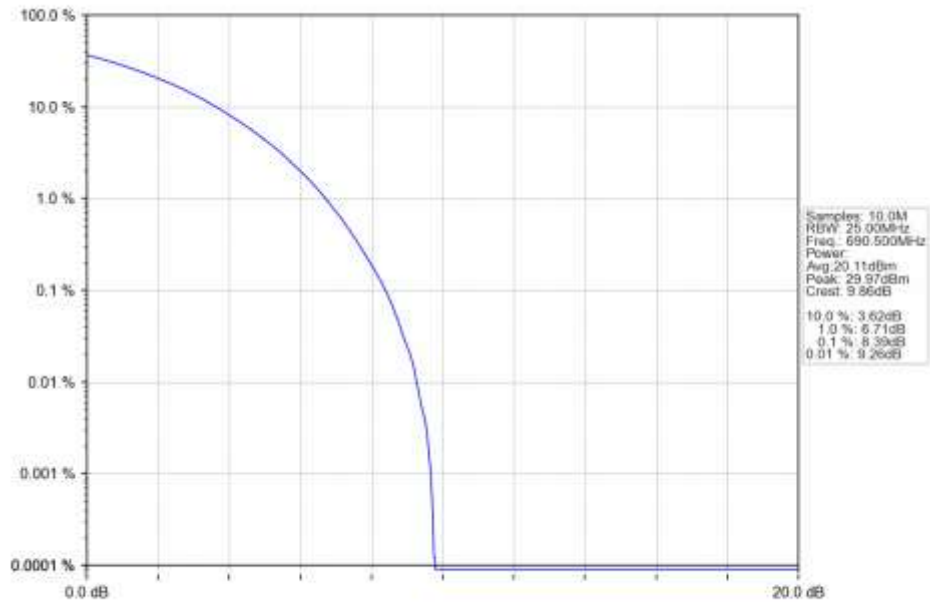
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 670.5MHz Outer Full Ant1



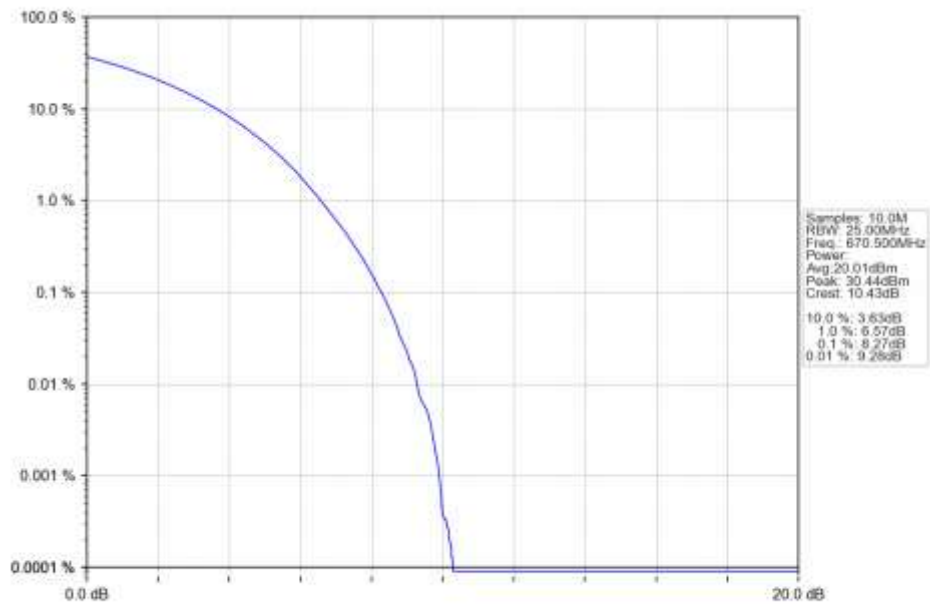
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



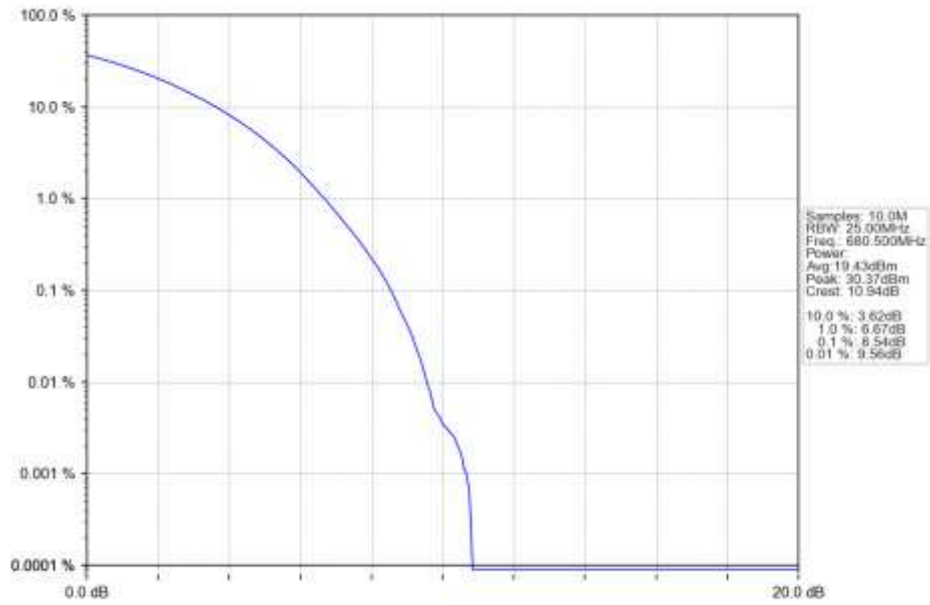
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 690.5MHz Outer Full Ant1



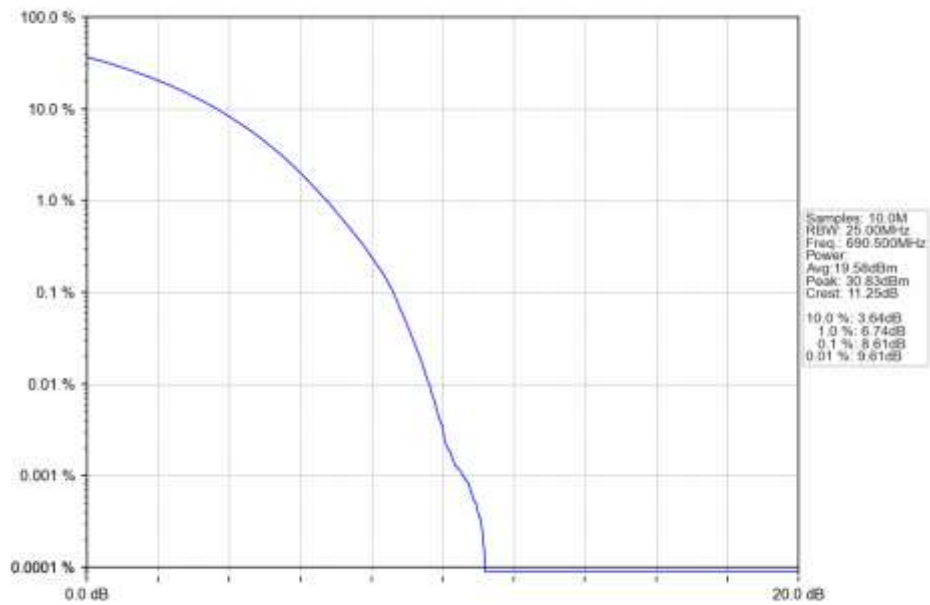
n71 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 670.5MHz Outer Full Ant1



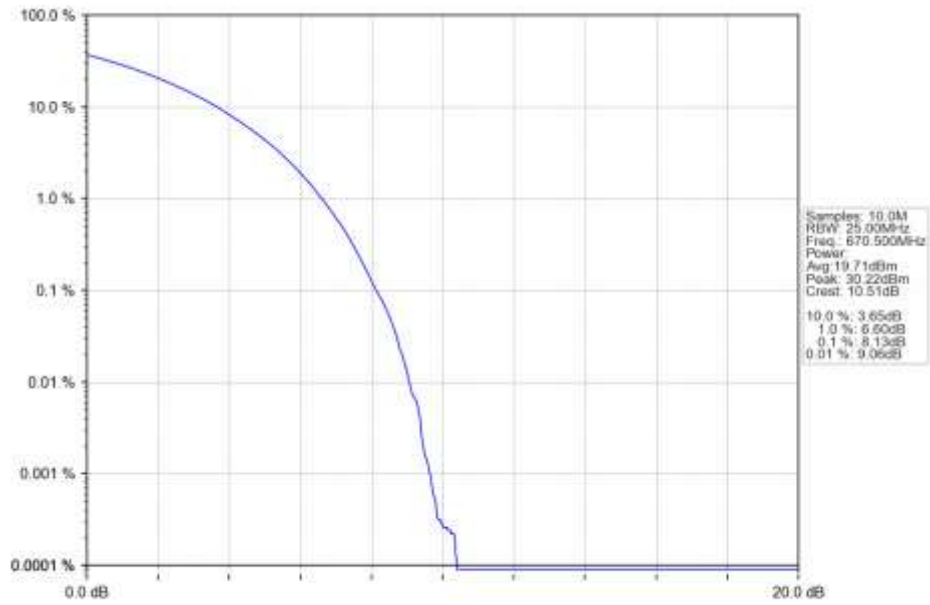
n71 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



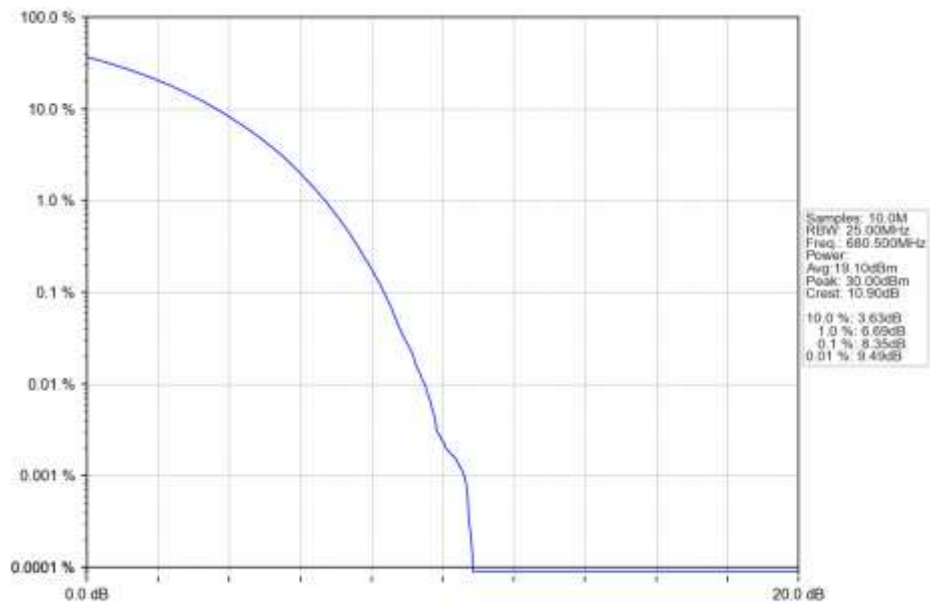
n71 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 690.5MHz Outer Full Ant1



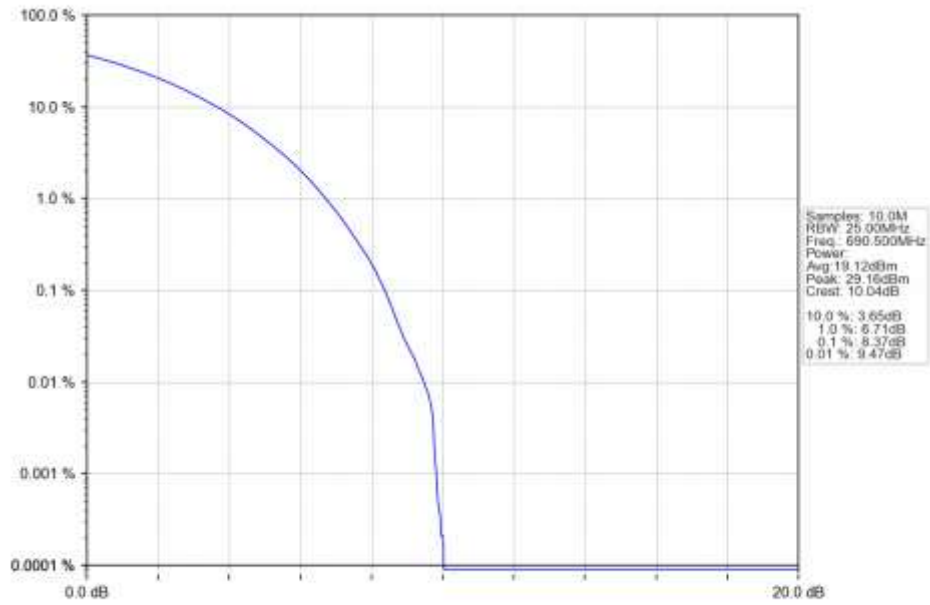
n71 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 670.5MHz Outer Full Ant1



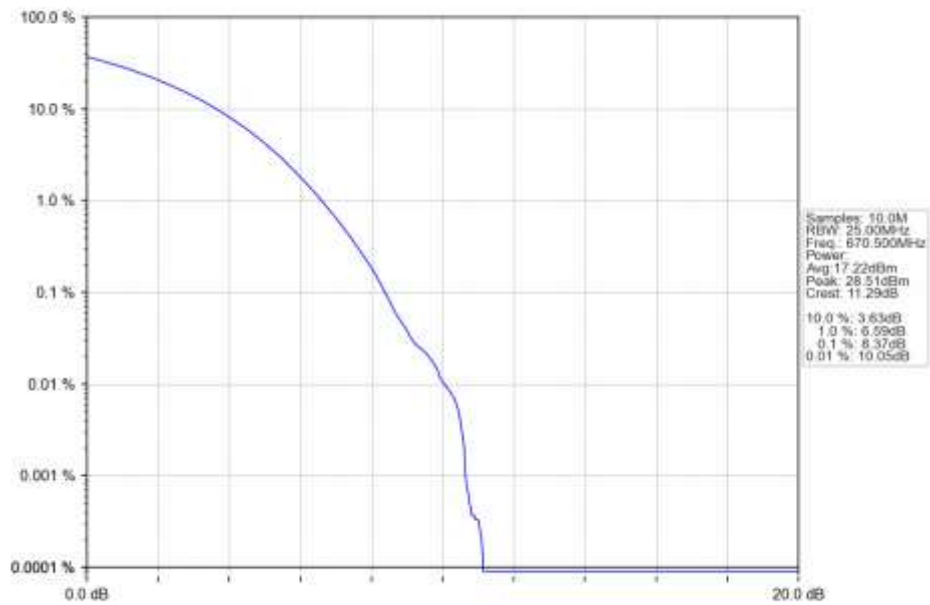
n71 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



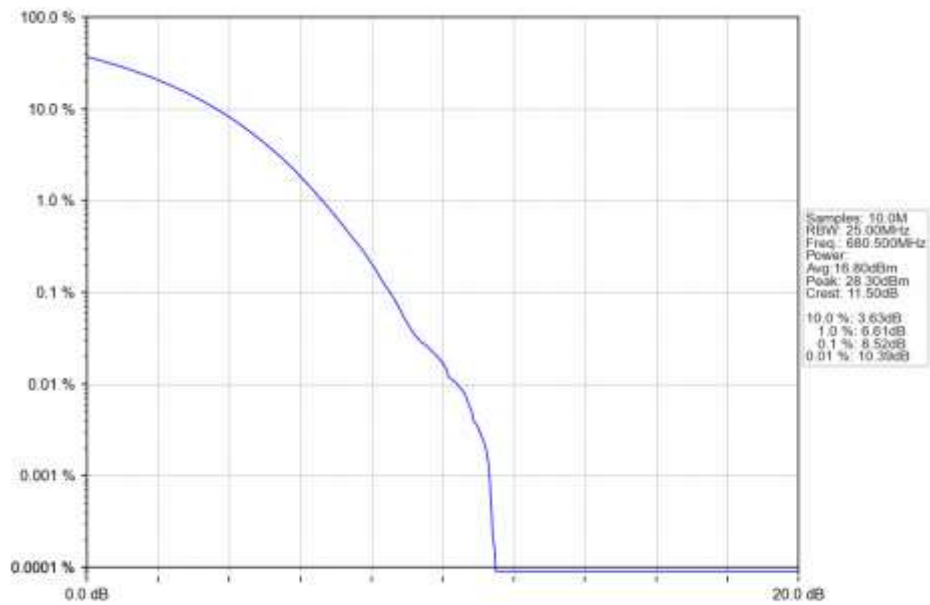
n71 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 690.5MHz Outer Full Ant1



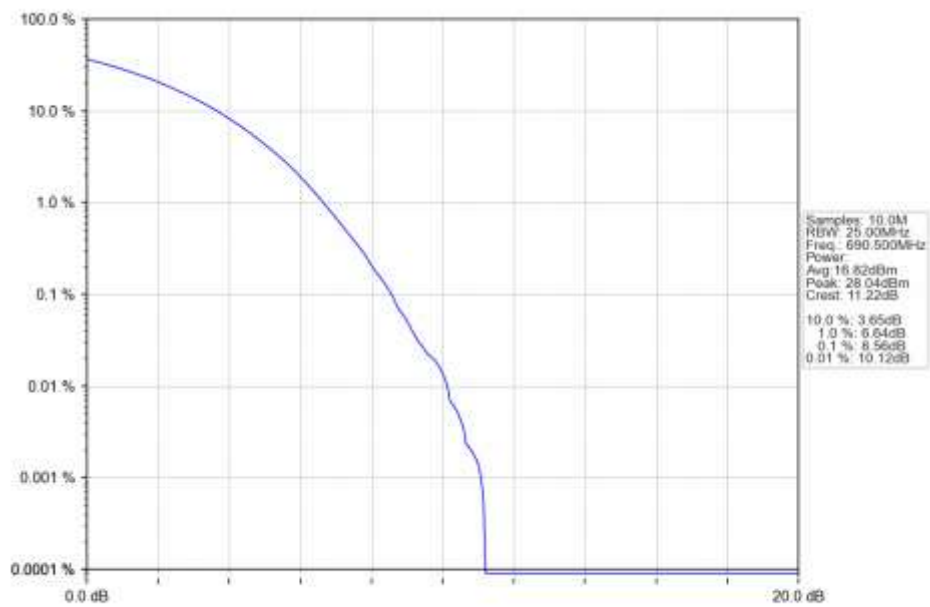
n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 670.5MHz Outer Full Ant1



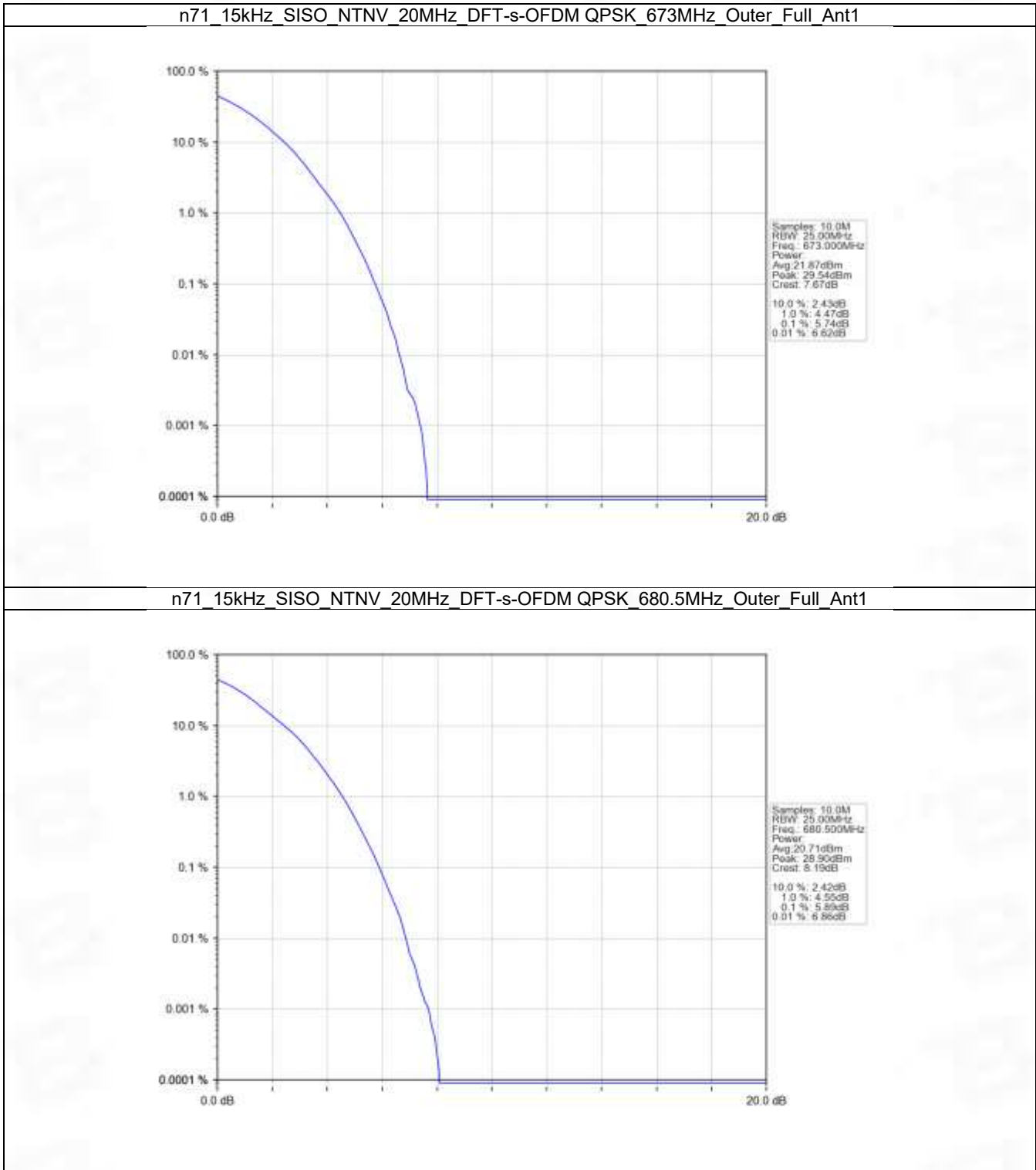
n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



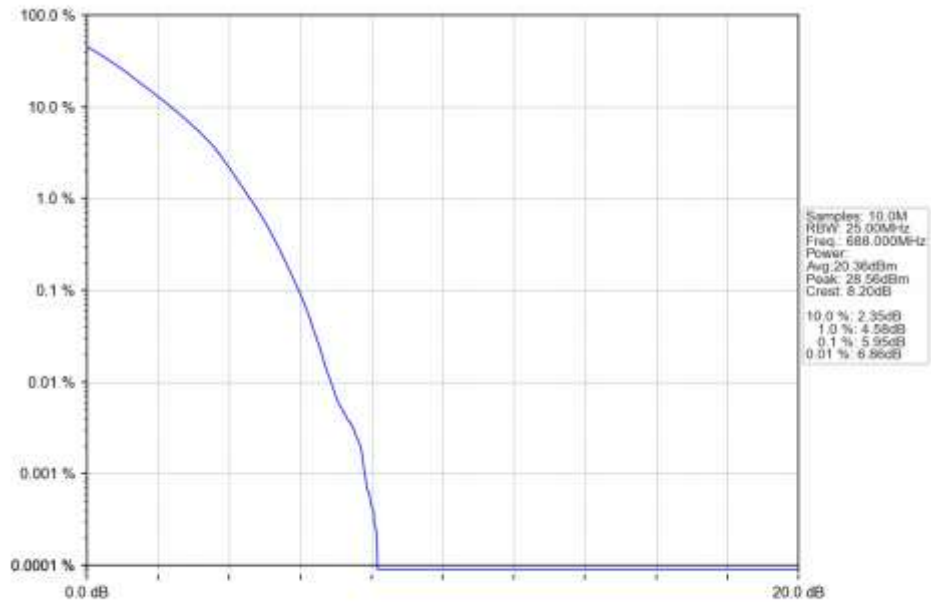
n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 690.5MHz Outer Full Ant1



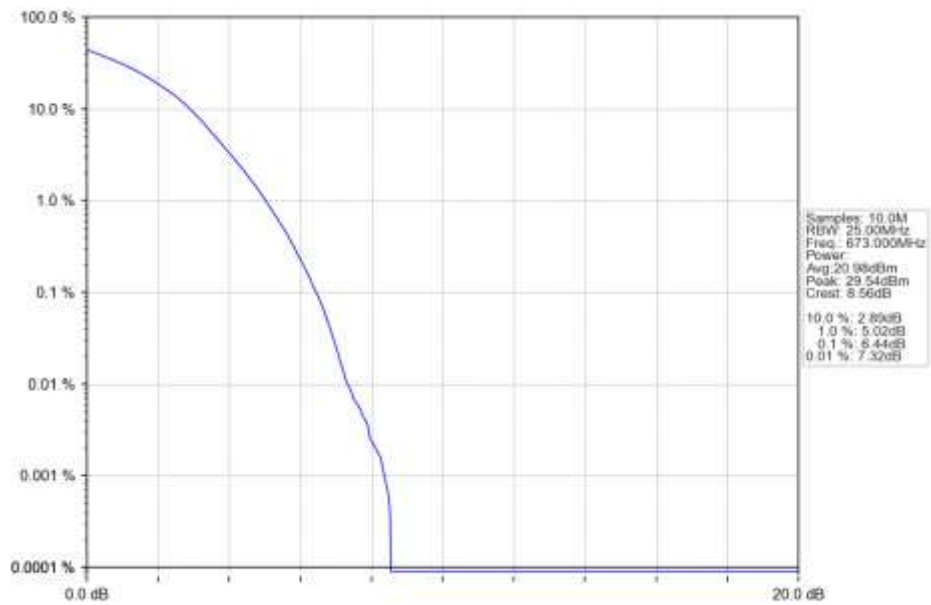
5.2.4 15k_SISO_20MHz_NTNV



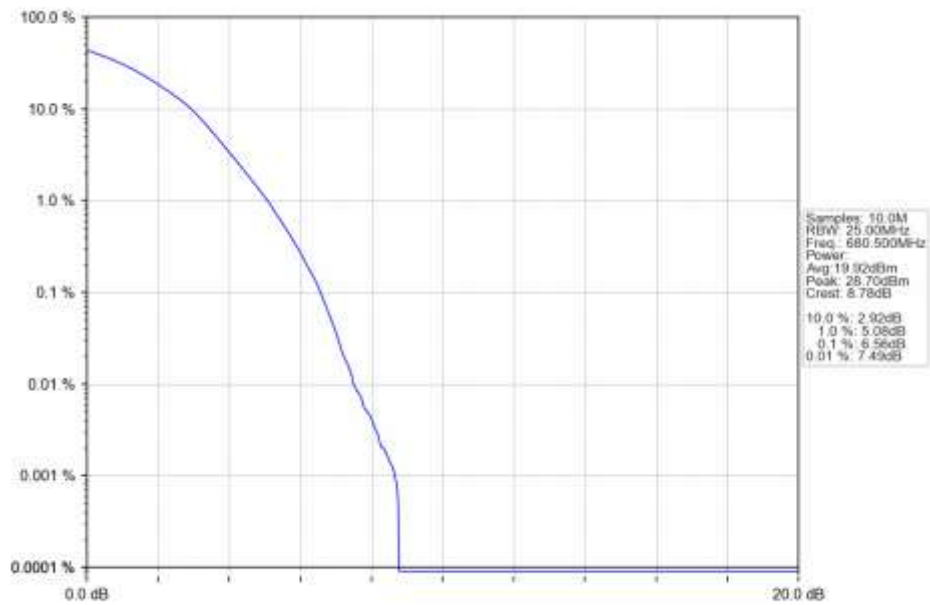
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Outer Full Ant1



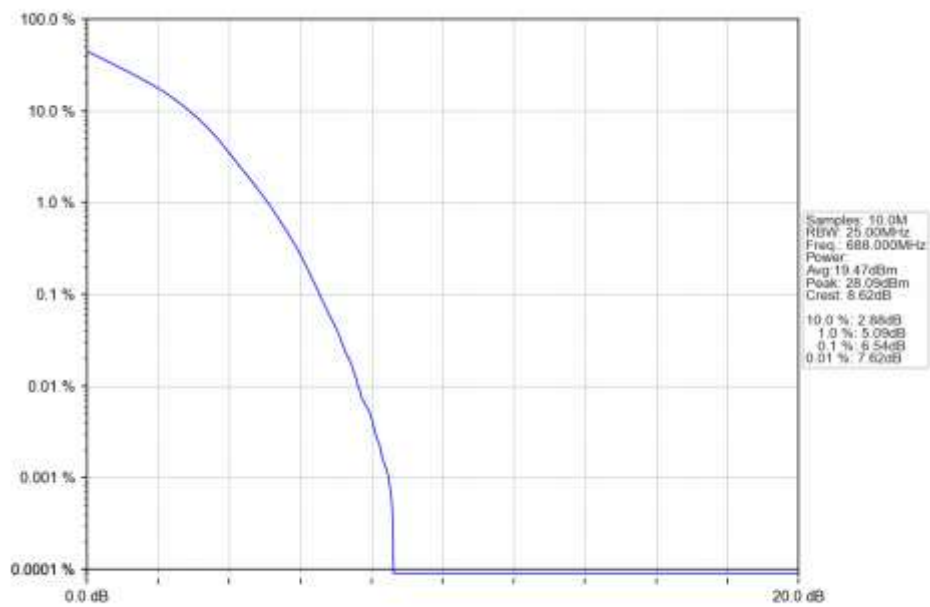
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 673MHz Outer Full Ant1



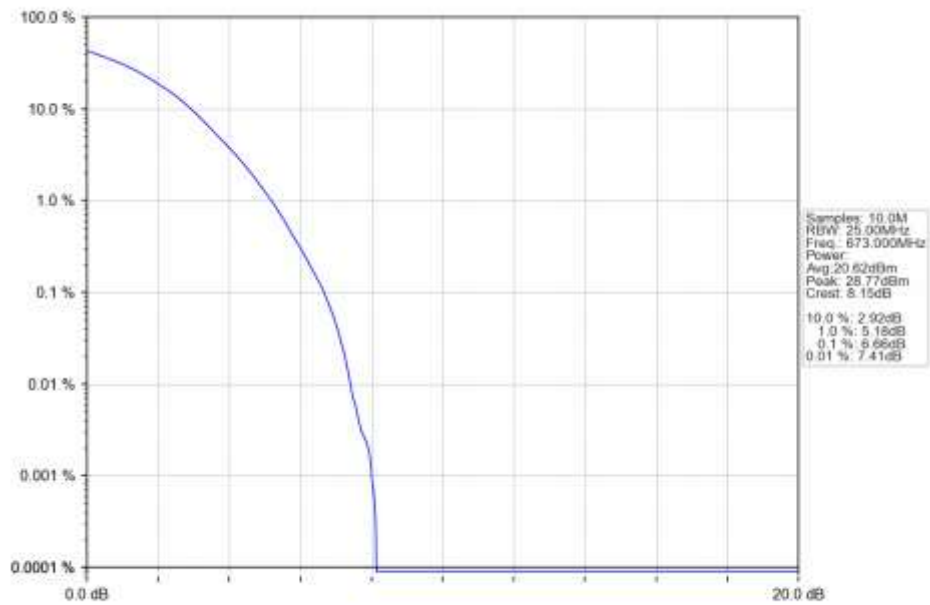
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



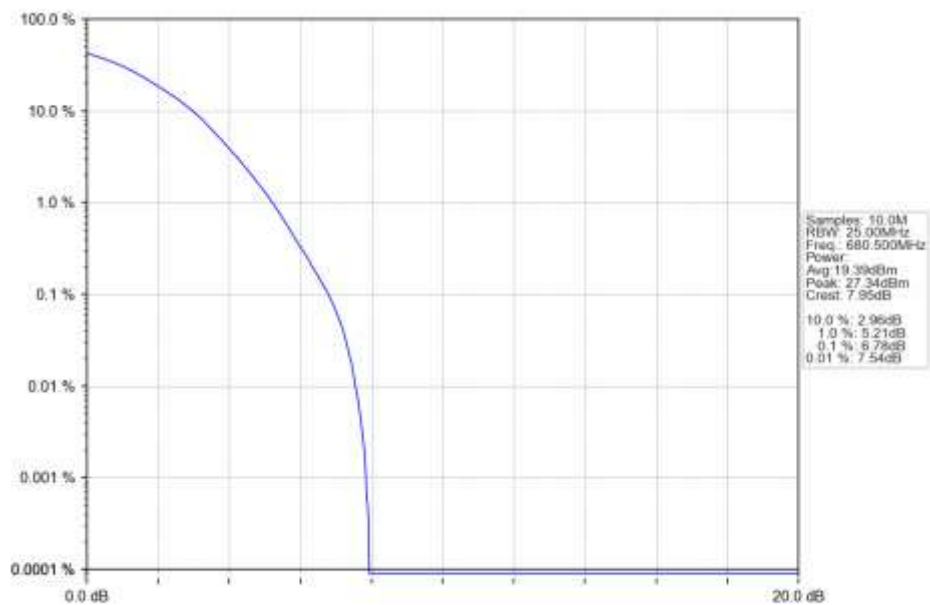
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 688MHz Outer Full Ant1



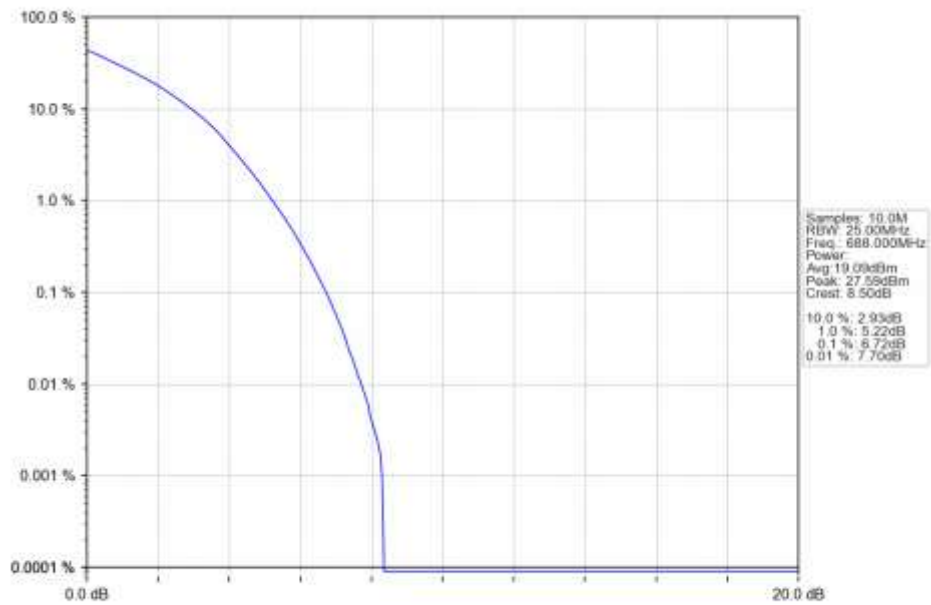
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 673MHz Outer Full Ant1



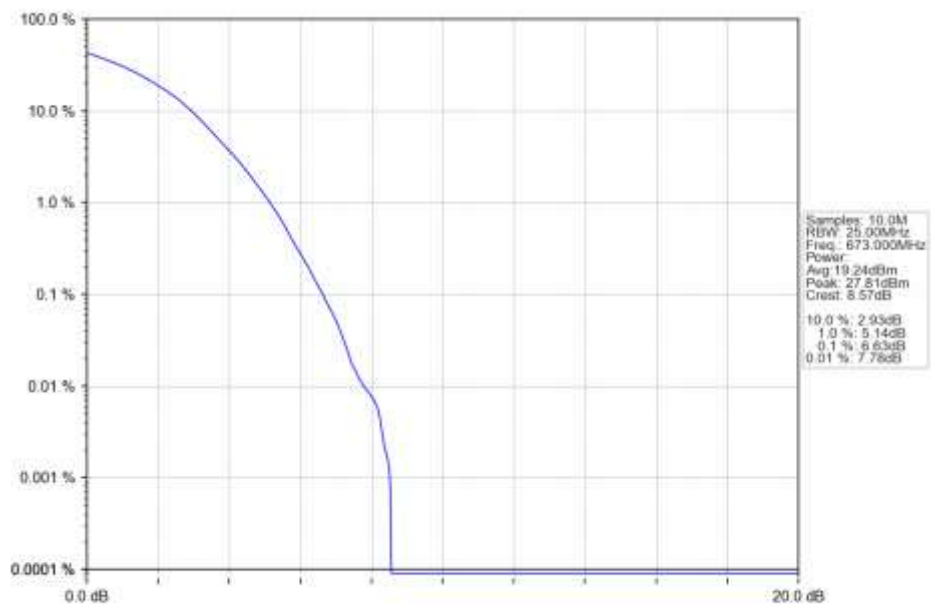
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



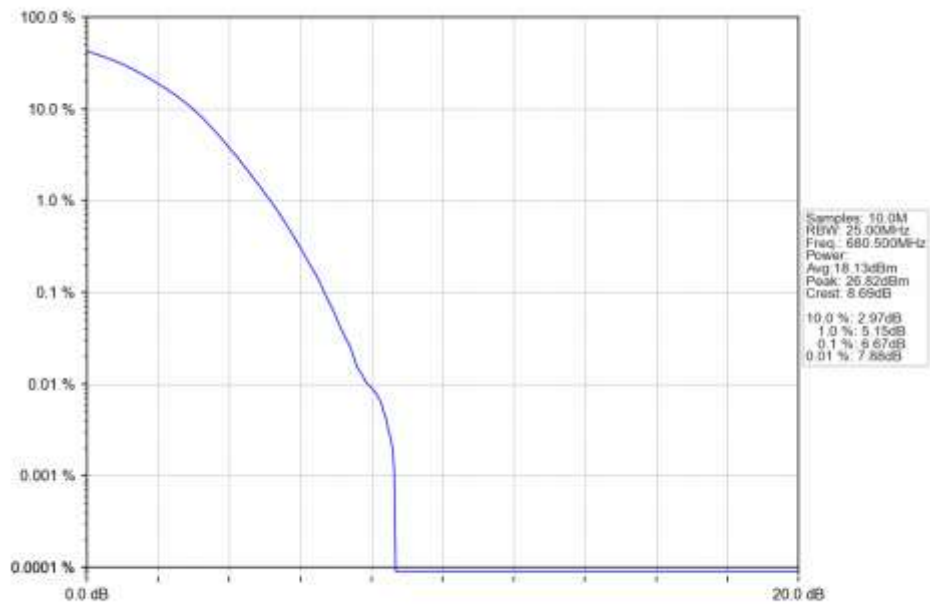
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 688MHz Outer Full Ant1



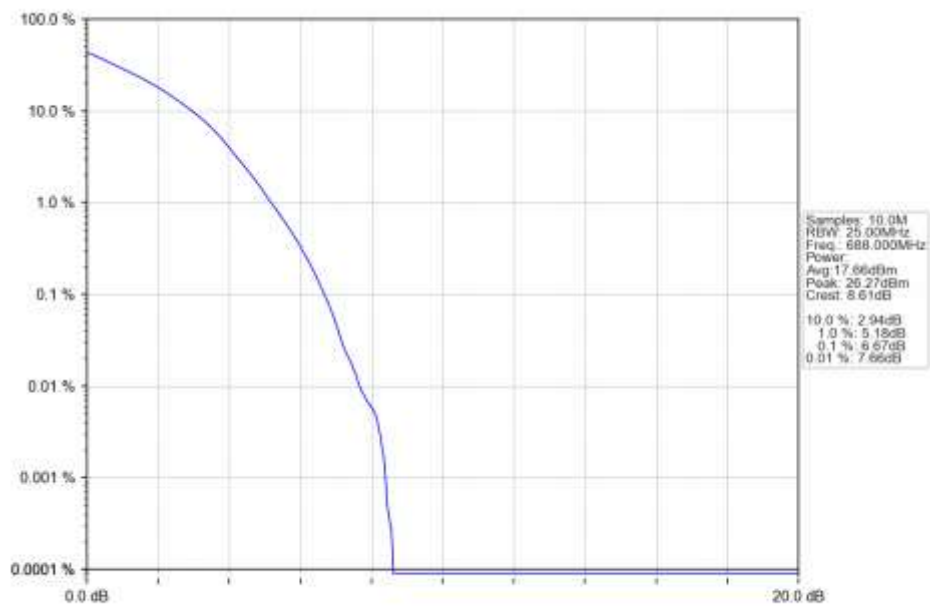
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 673MHz Outer Full Ant1



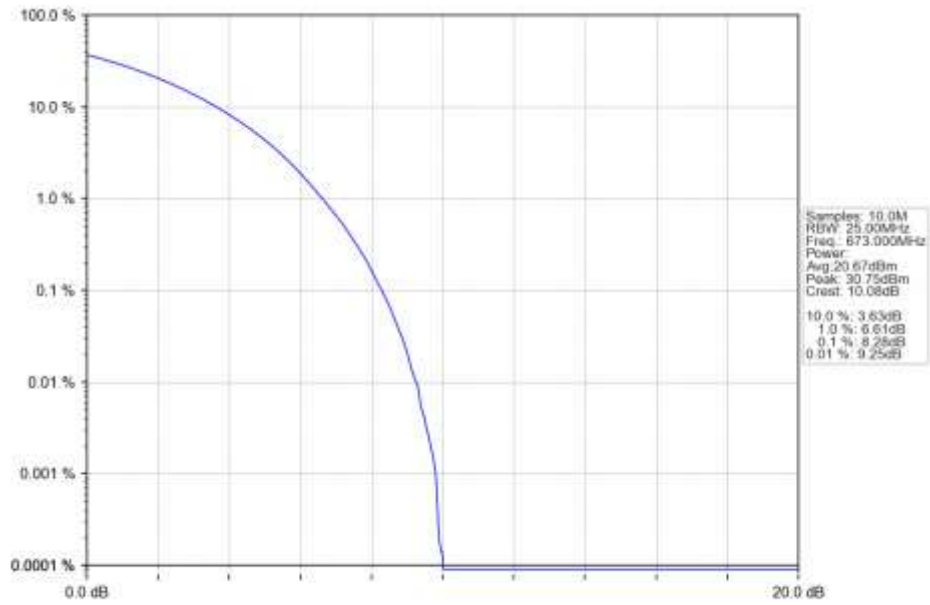
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



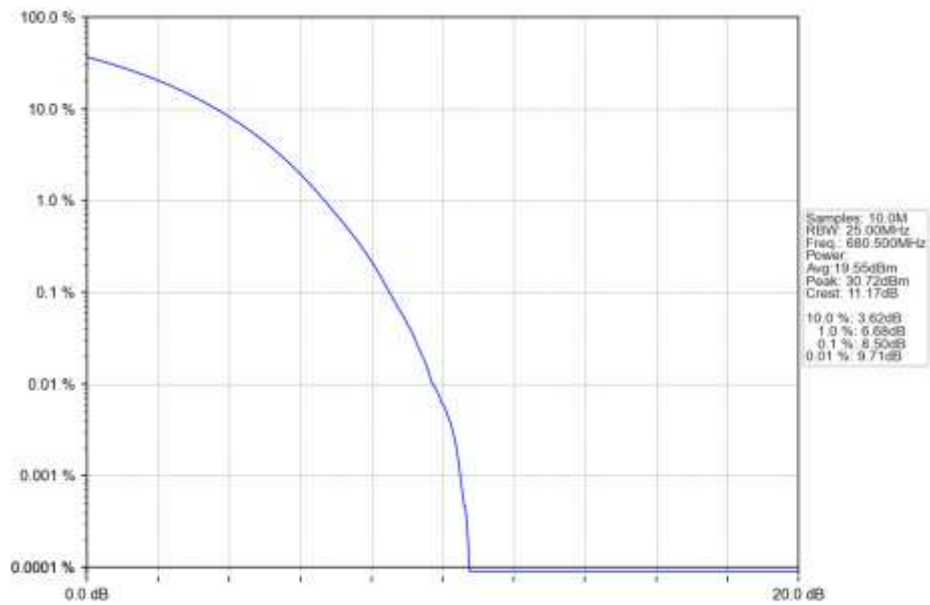
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 688MHz Outer Full Ant1



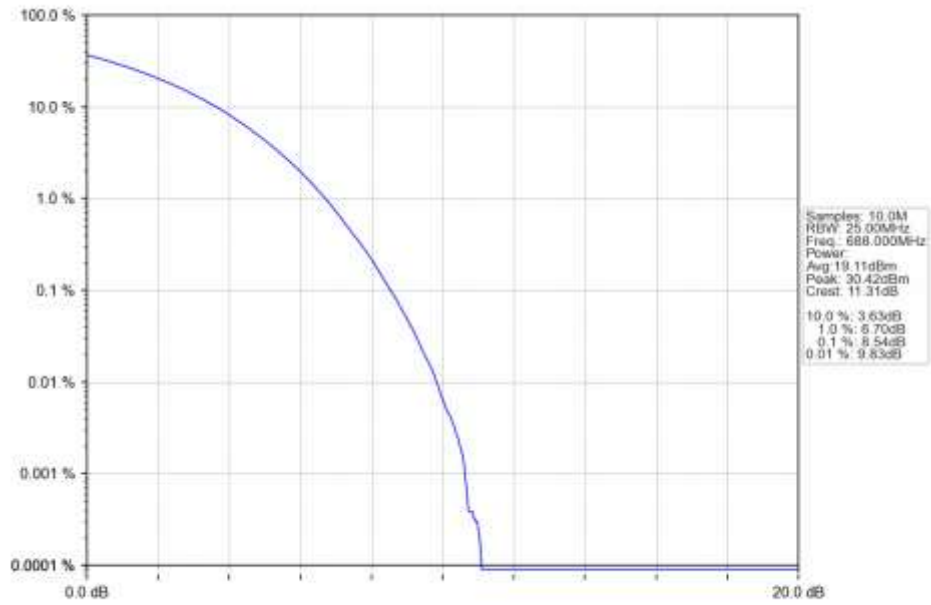
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 673MHz Outer Full Ant1



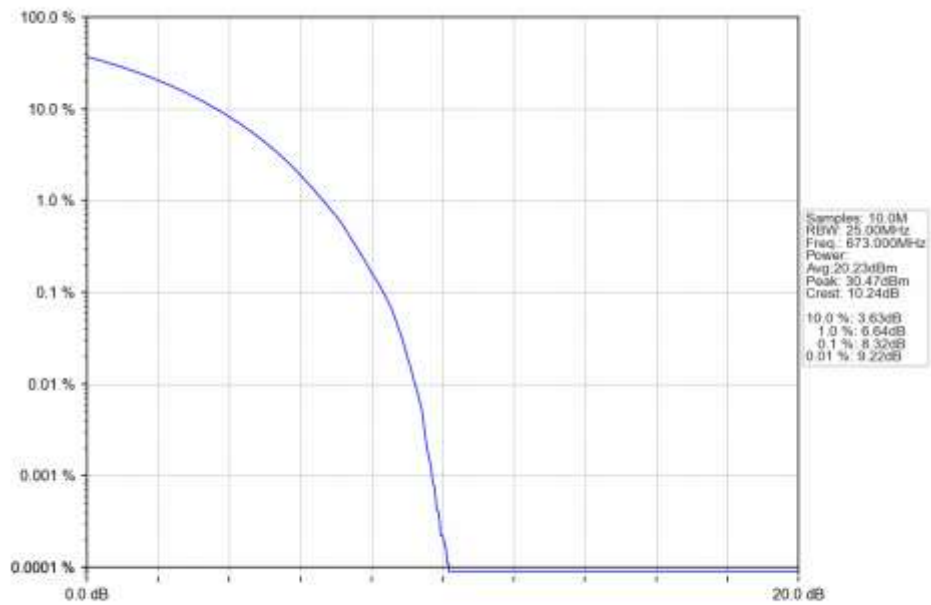
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



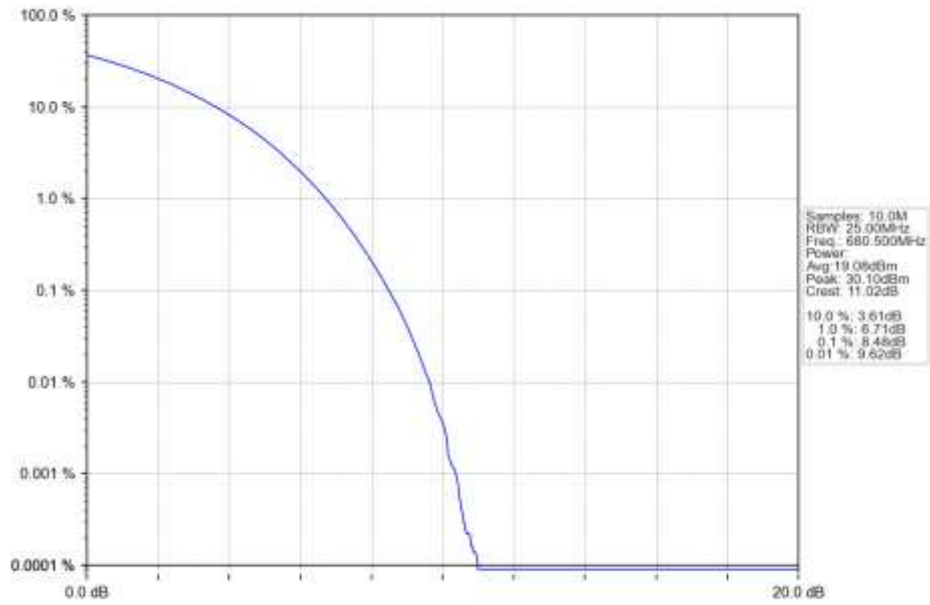
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Outer Full Ant1



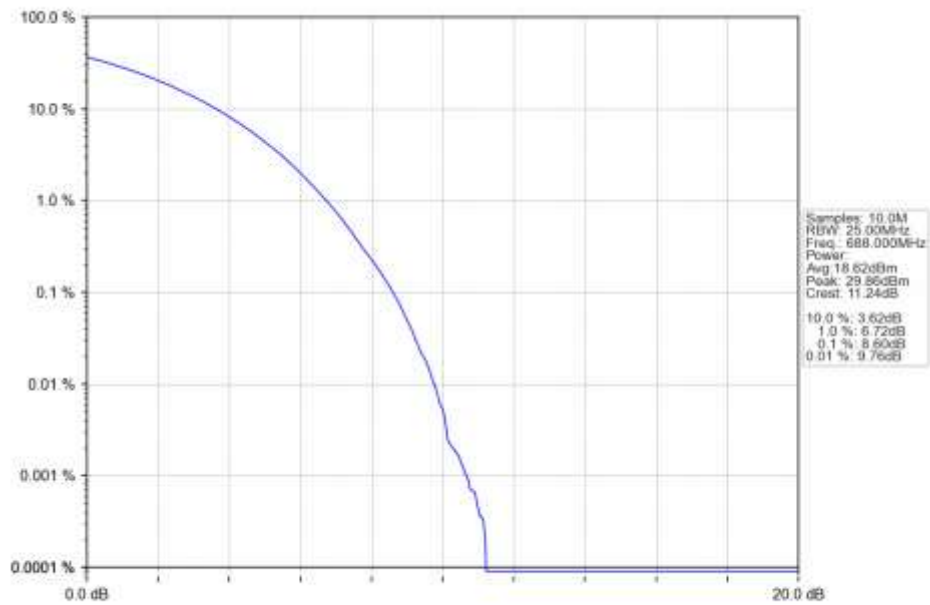
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 673MHz Outer Full Ant1



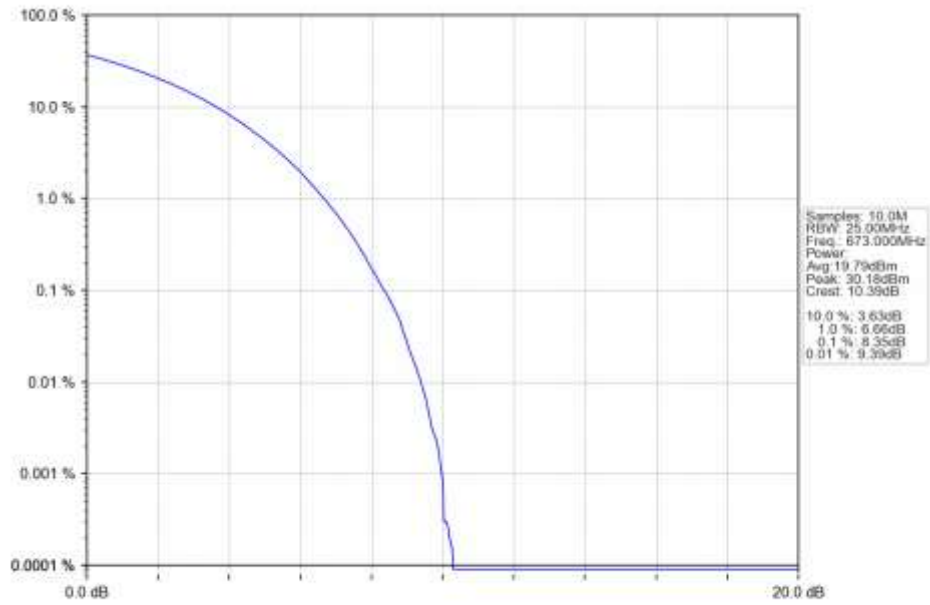
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



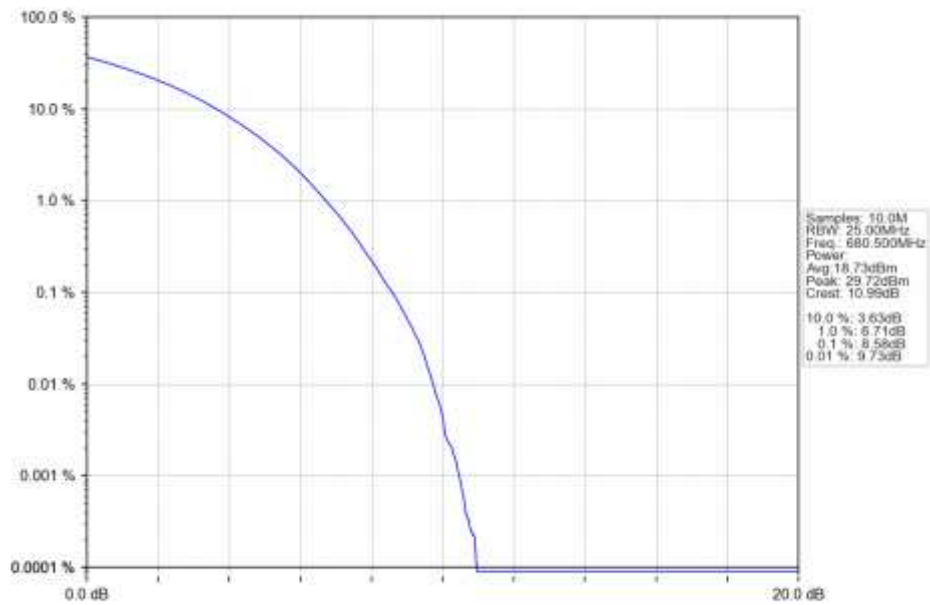
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 688MHz Outer Full Ant1



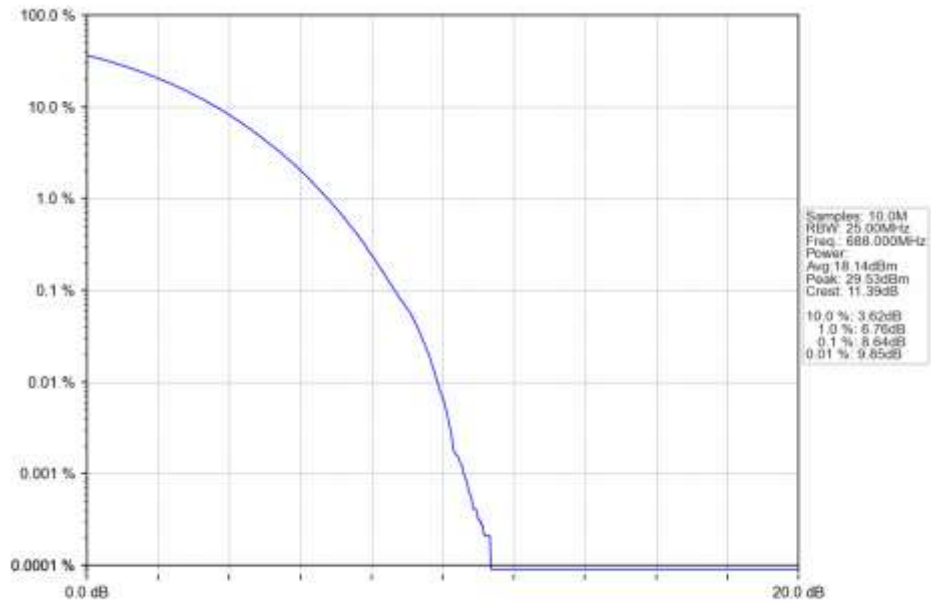
n71 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 673MHz Outer Full Ant1



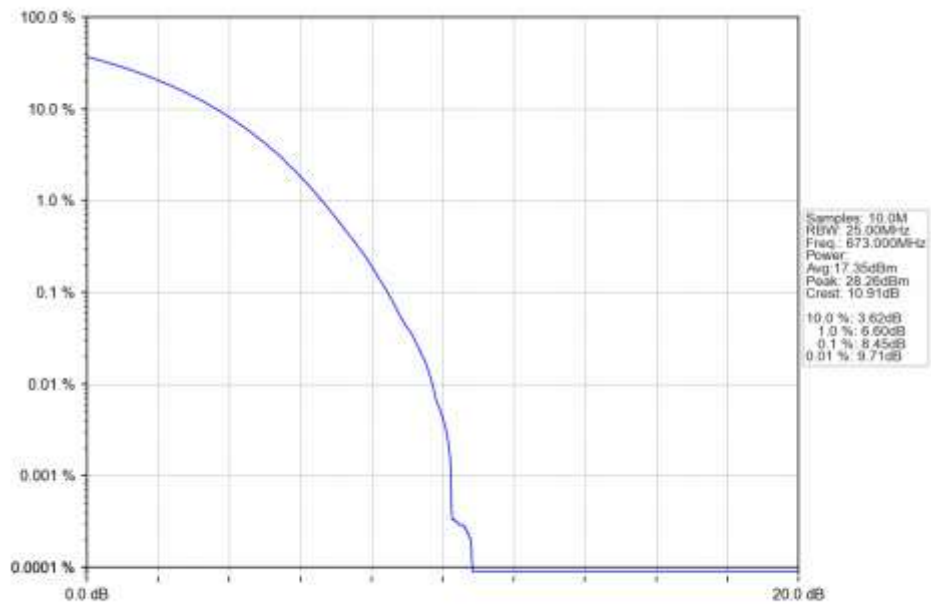
n71 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 680.5MHz Outer Full Ant1



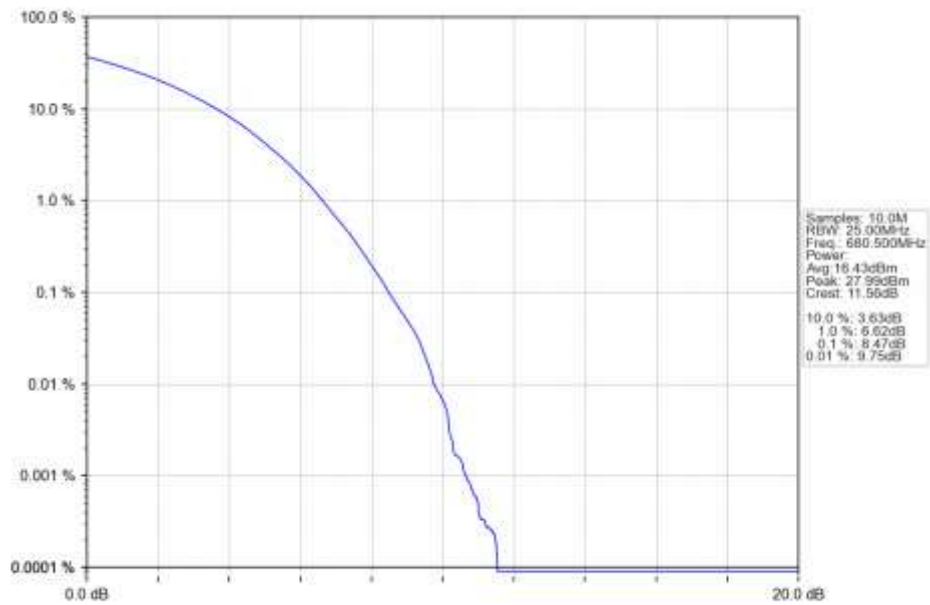
n71 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 688MHz Outer Full Ant1



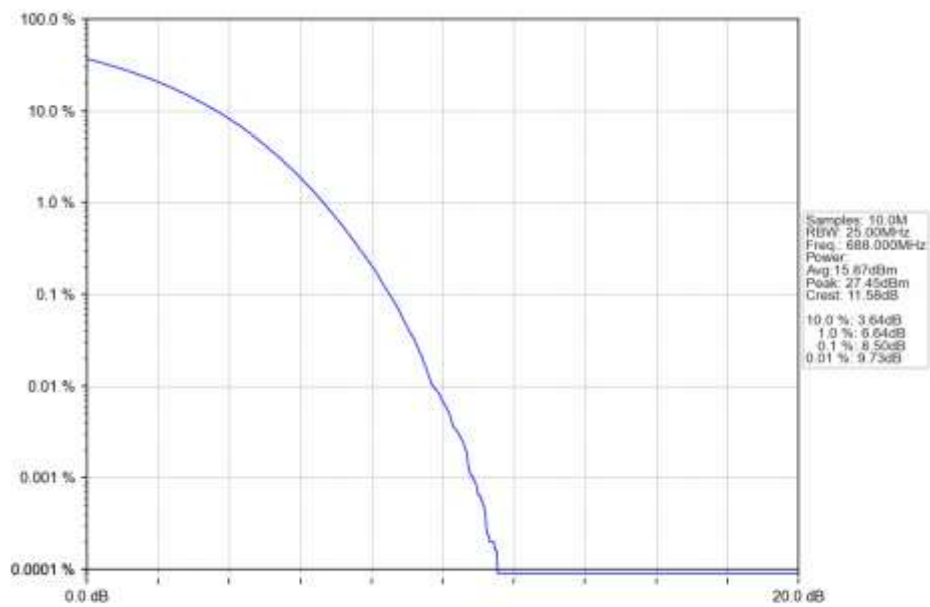
n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 673MHz Outer Full Ant1



n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1

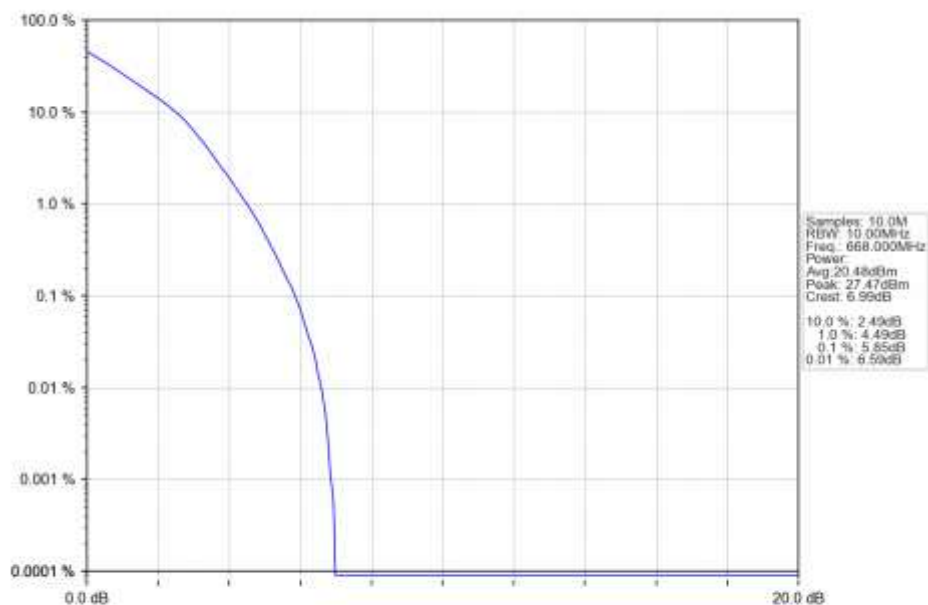


n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 688MHz Outer Full Ant1

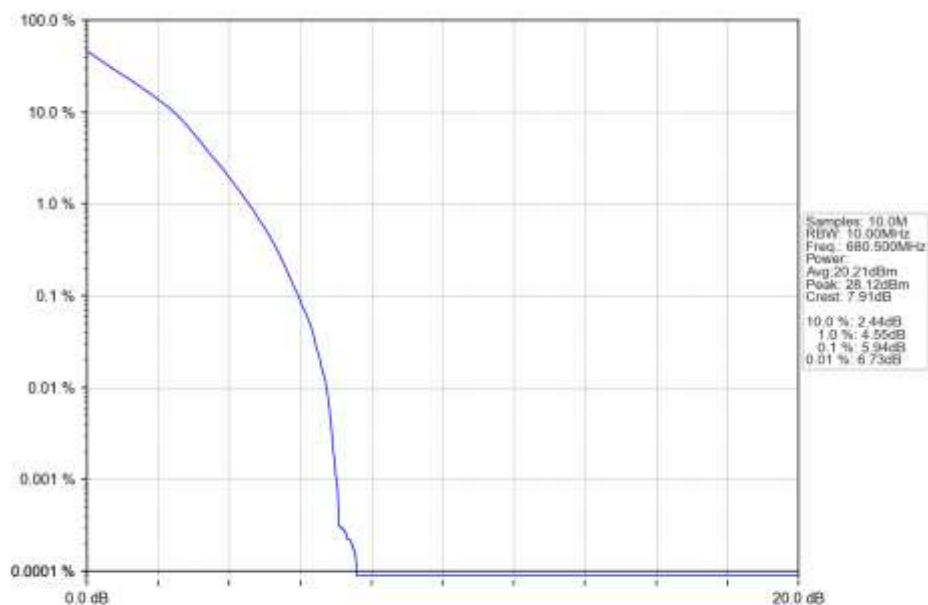


5.2.5 30k_SISO_10MHz_NTNV

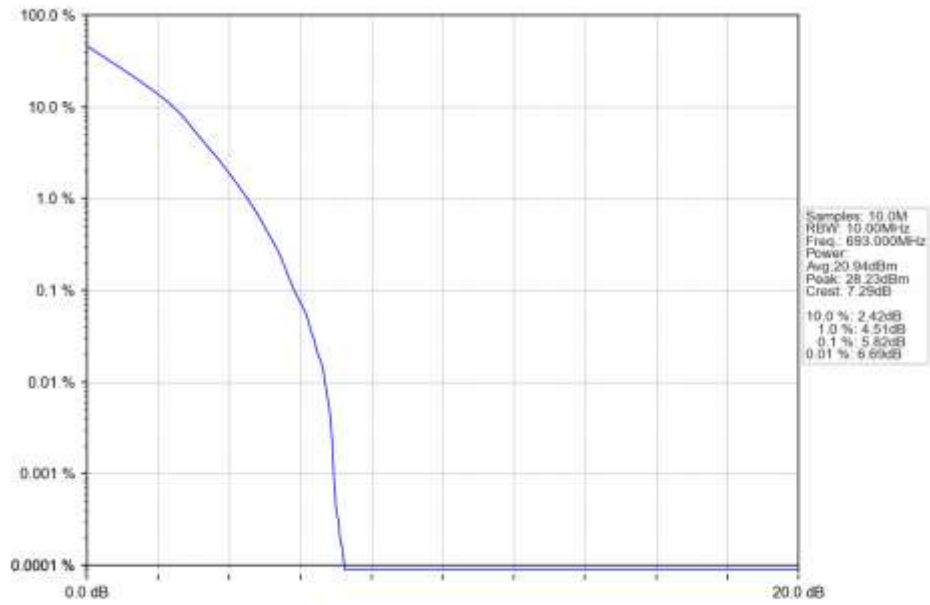
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_668MHz_Outer_Full_Ant1



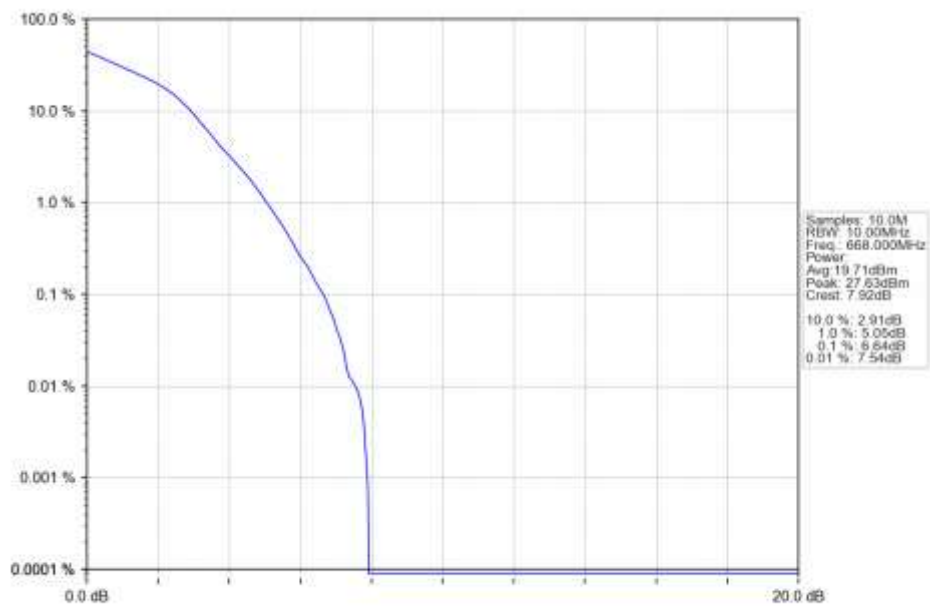
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_680.5MHz_Outer_Full_Ant1



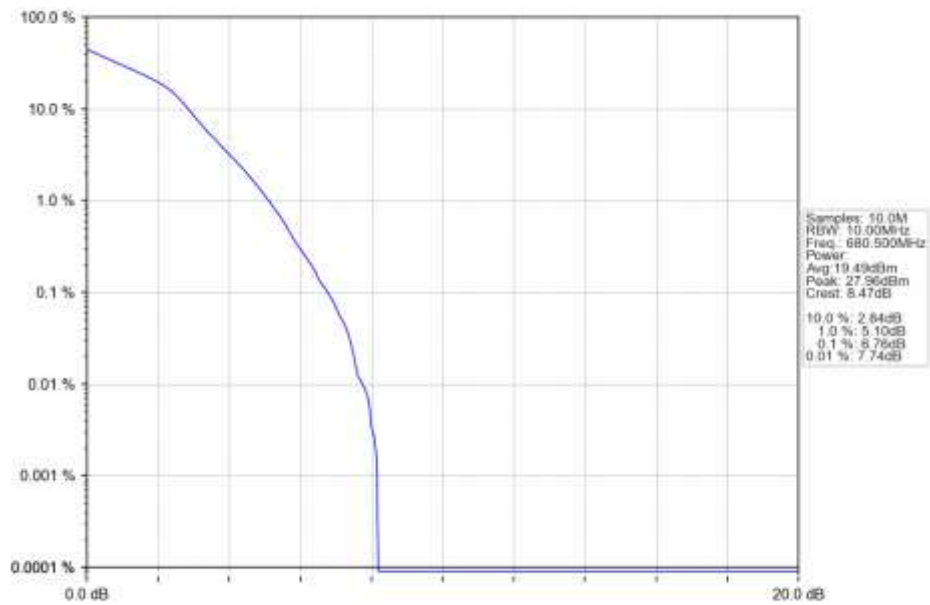
n71 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Outer Full Ant1



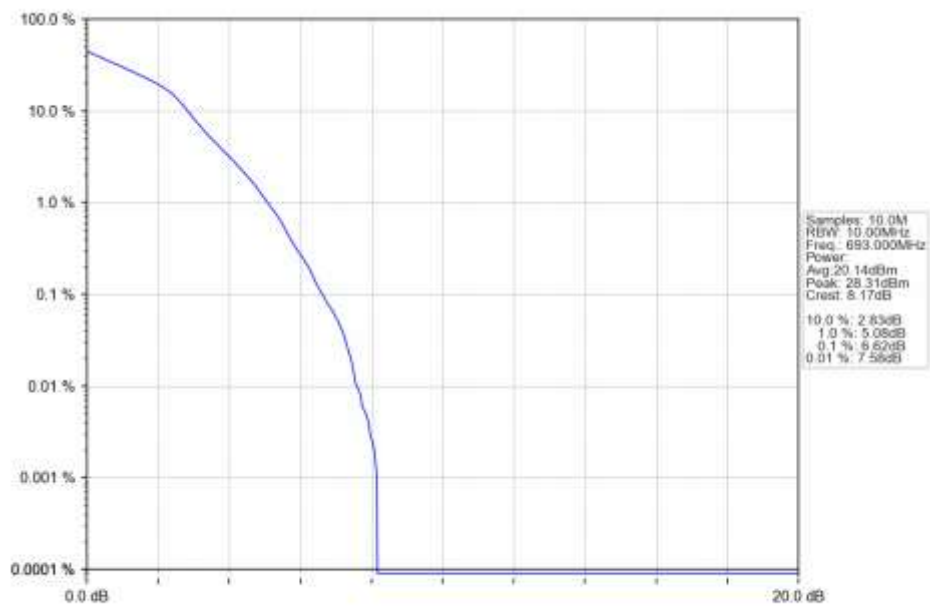
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 668MHz Outer Full Ant1



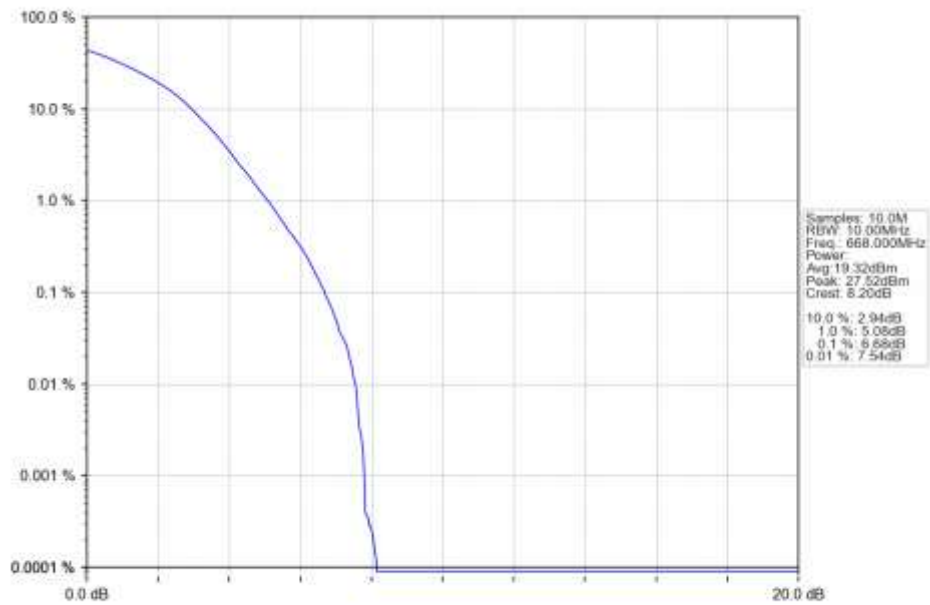
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



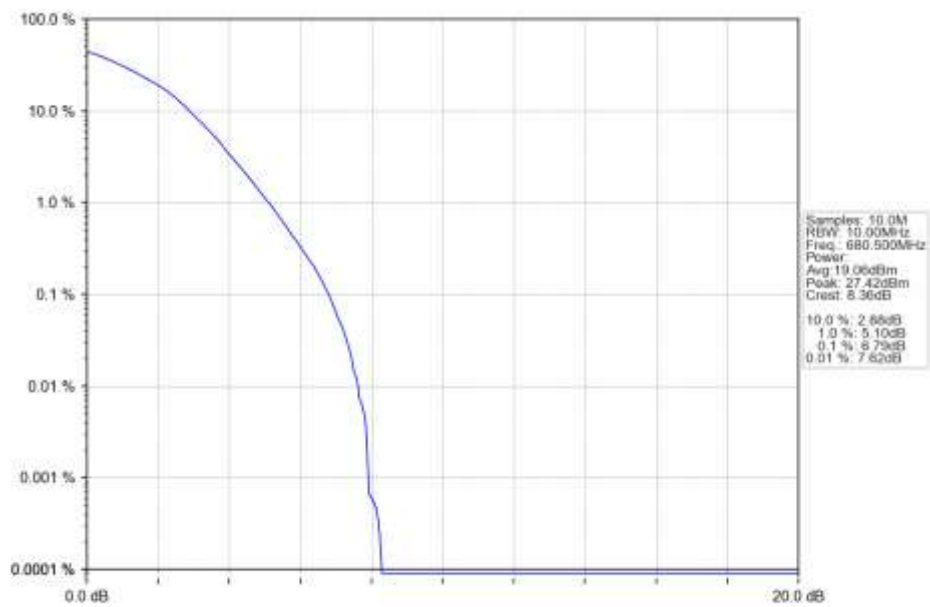
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 693MHz Outer Full Ant1



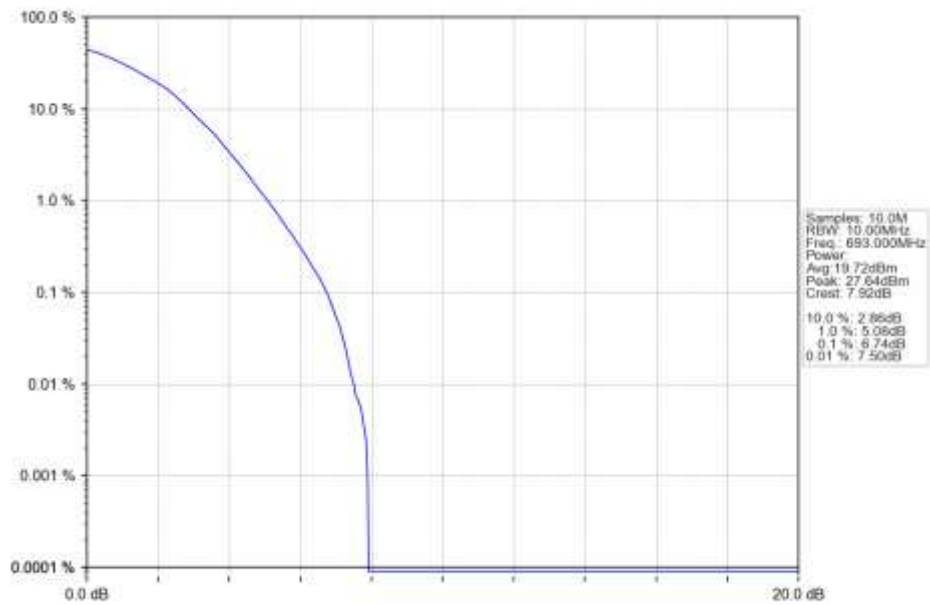
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_668MHz_Outer_Full_Ant1



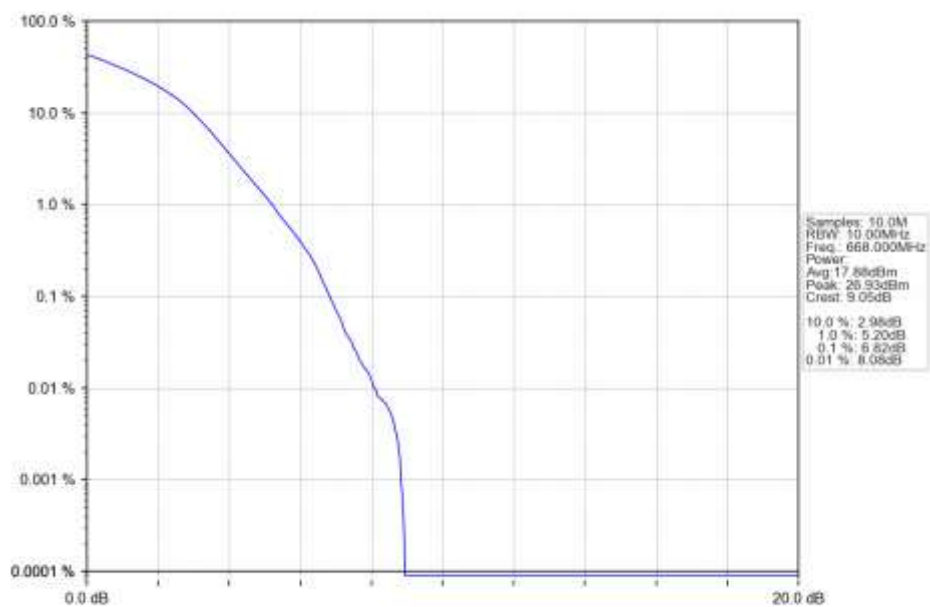
n71_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



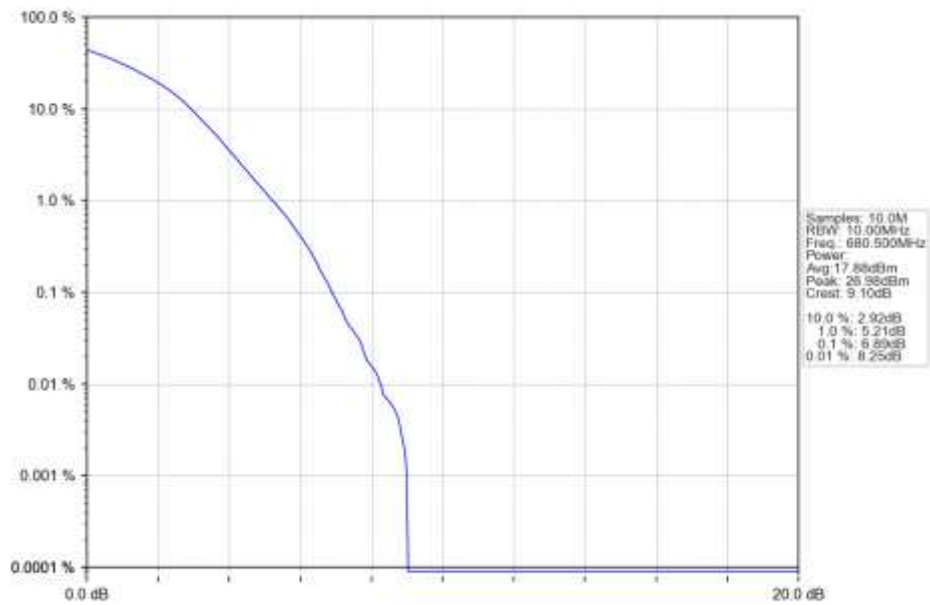
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 693MHz Outer Full Ant1



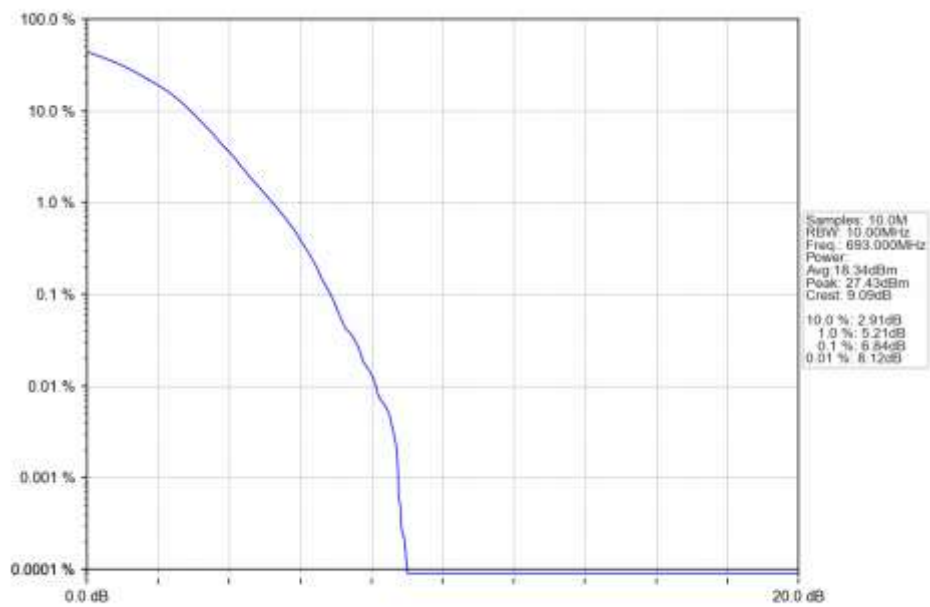
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 668MHz Outer Full Ant1



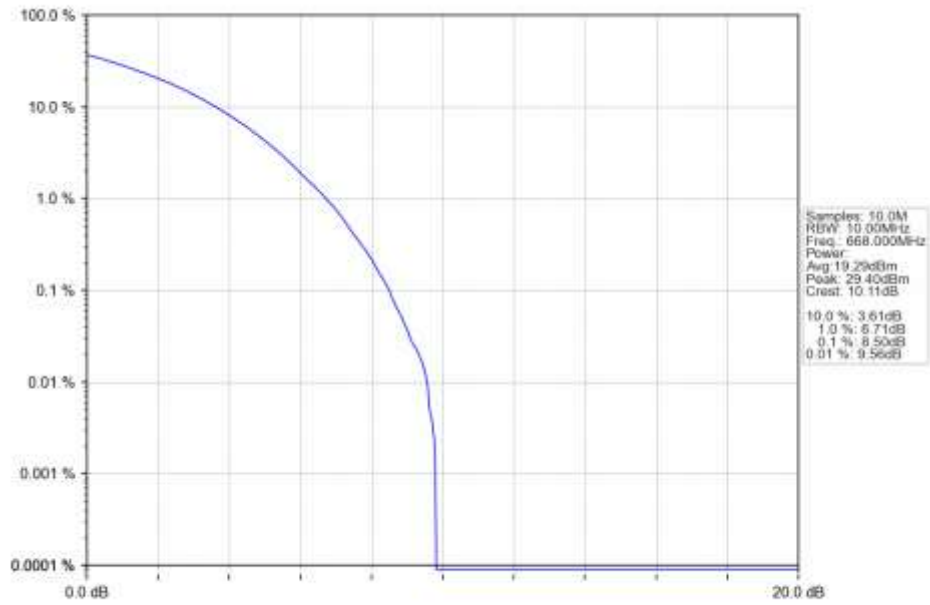
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



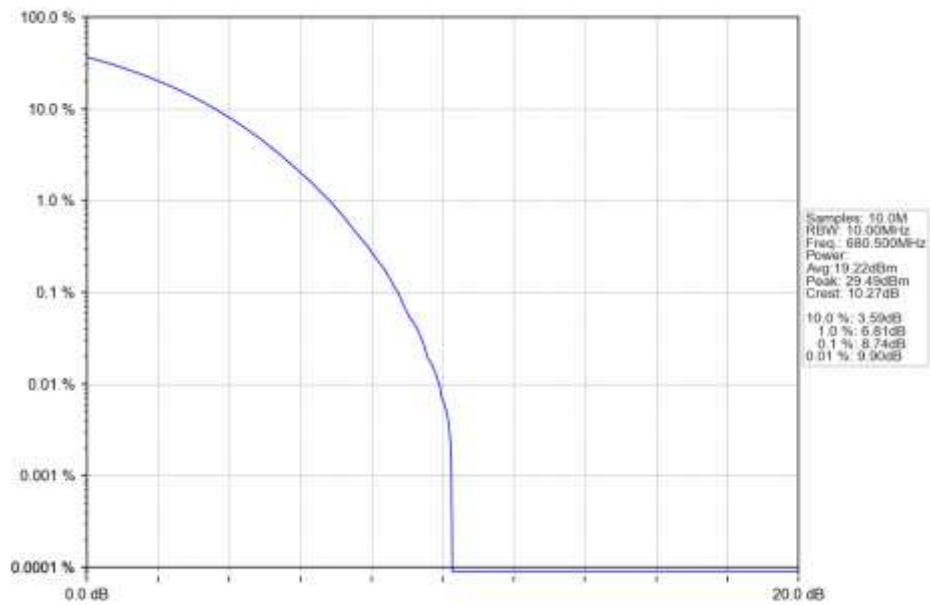
n71 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 693MHz Outer Full Ant1



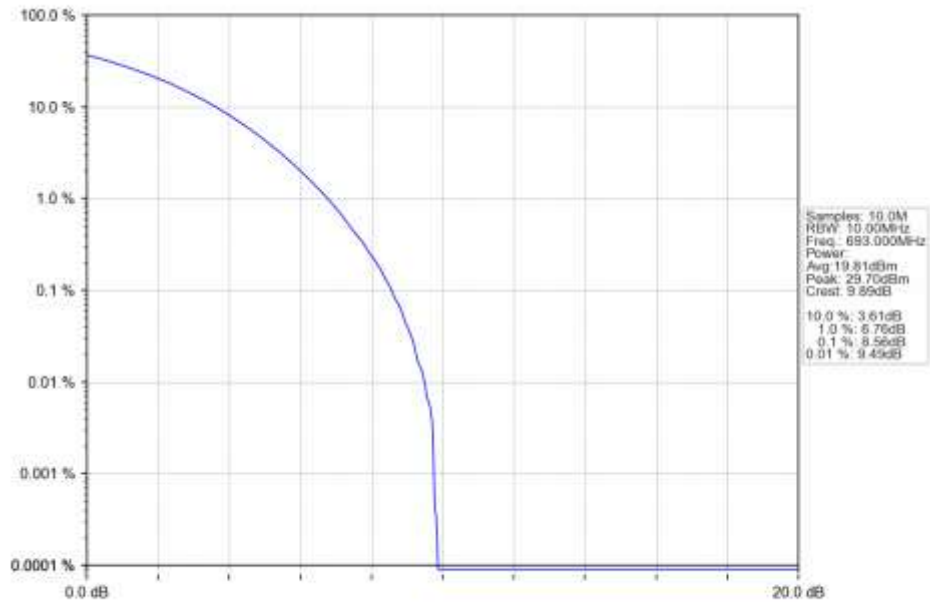
n71 30kHz SISO NTN 10MHz CP-OFDM QPSK 668MHz Outer Full Ant1



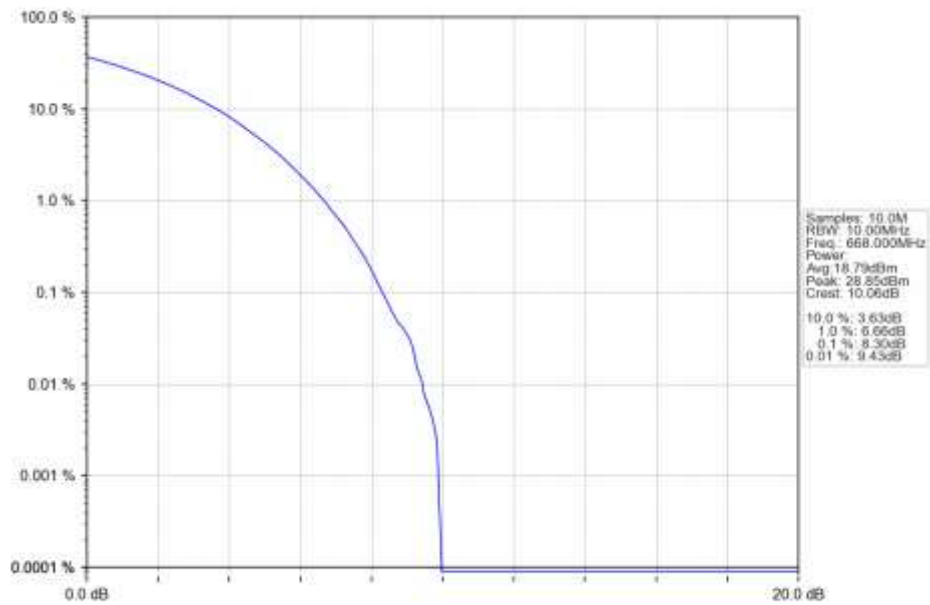
n71 30kHz SISO NTN 10MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



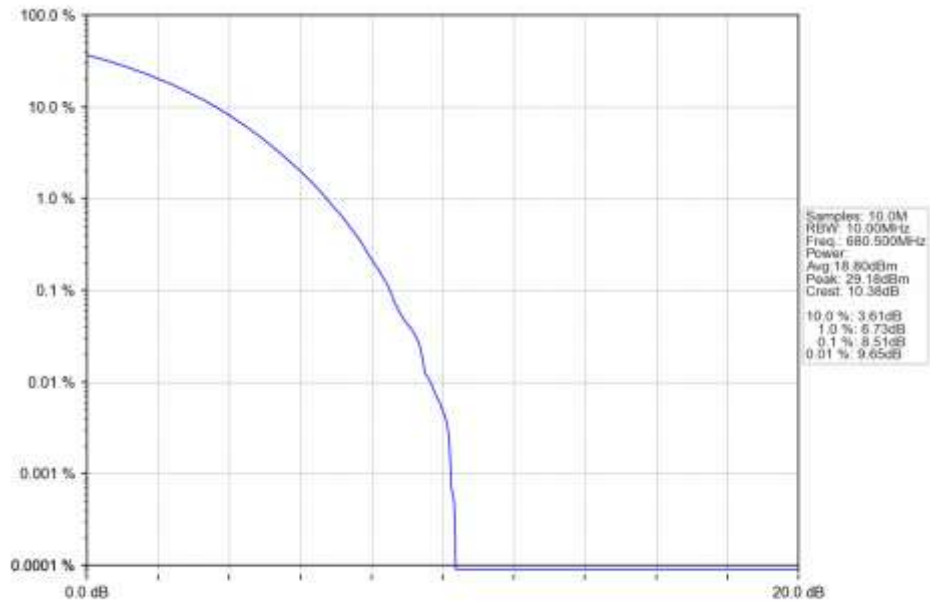
n71 30kHz SISO NTN 10MHz CP-OFDM QPSK 693MHz Outer Full Ant1



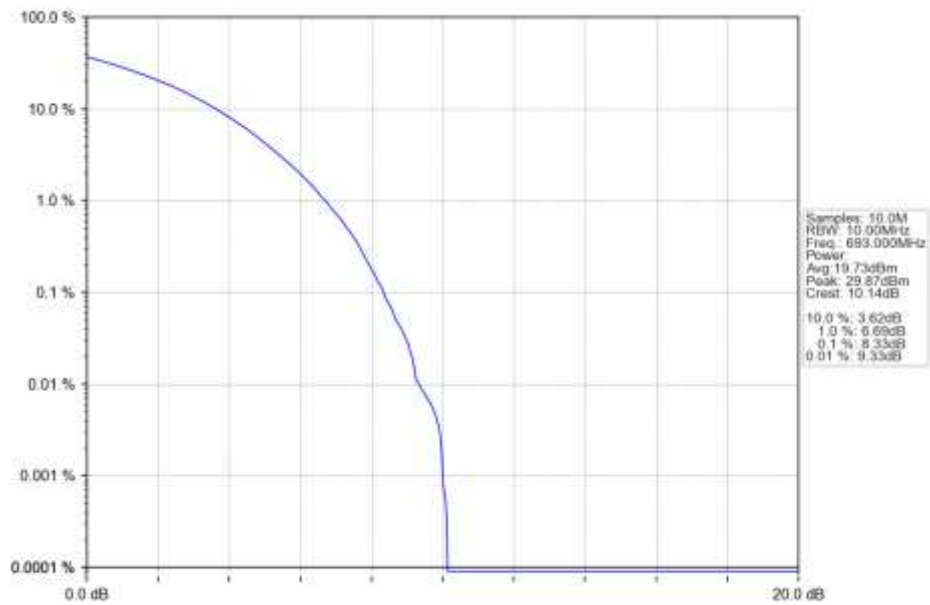
n71 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 668MHz Outer Full Ant1



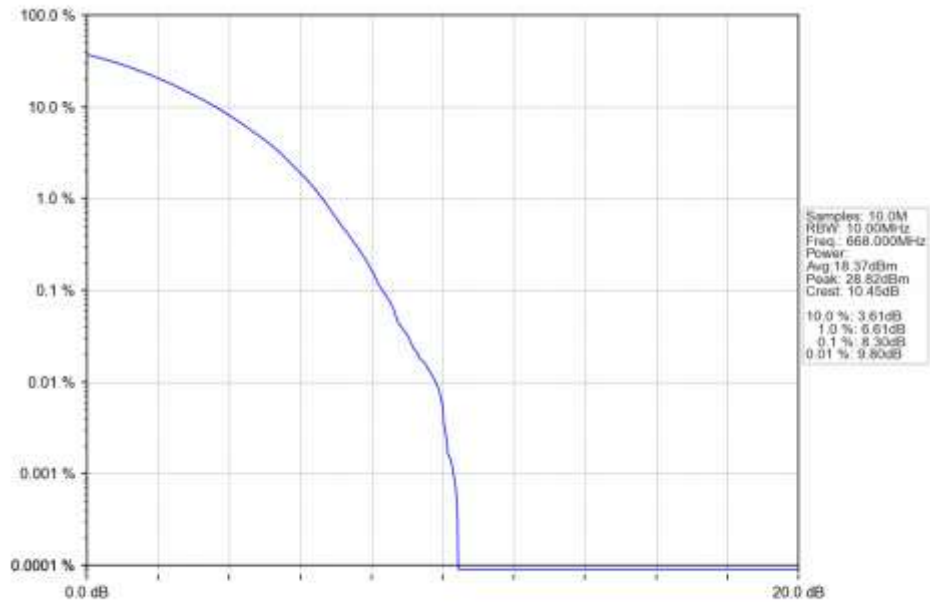
n71 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



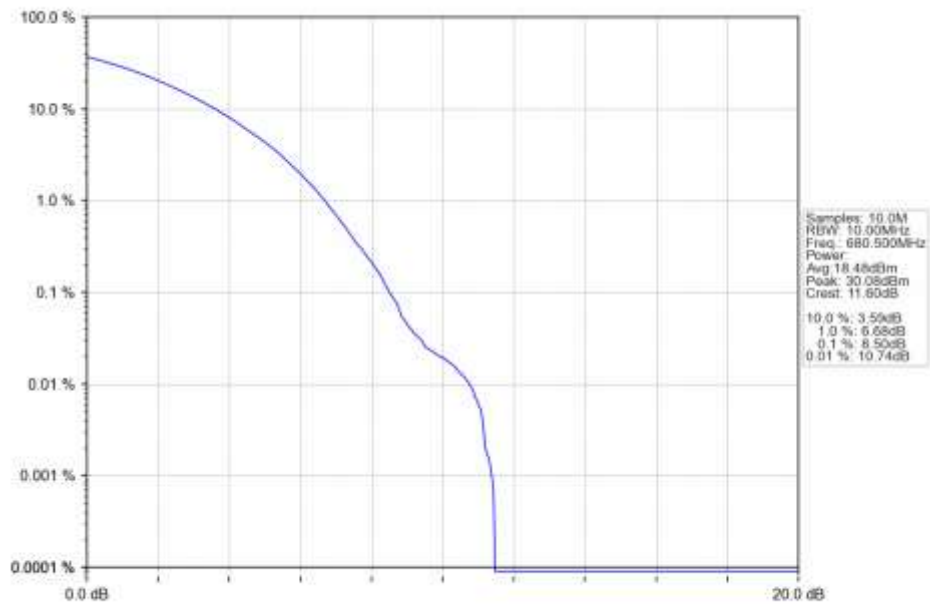
n71 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 693MHz Outer Full Ant1



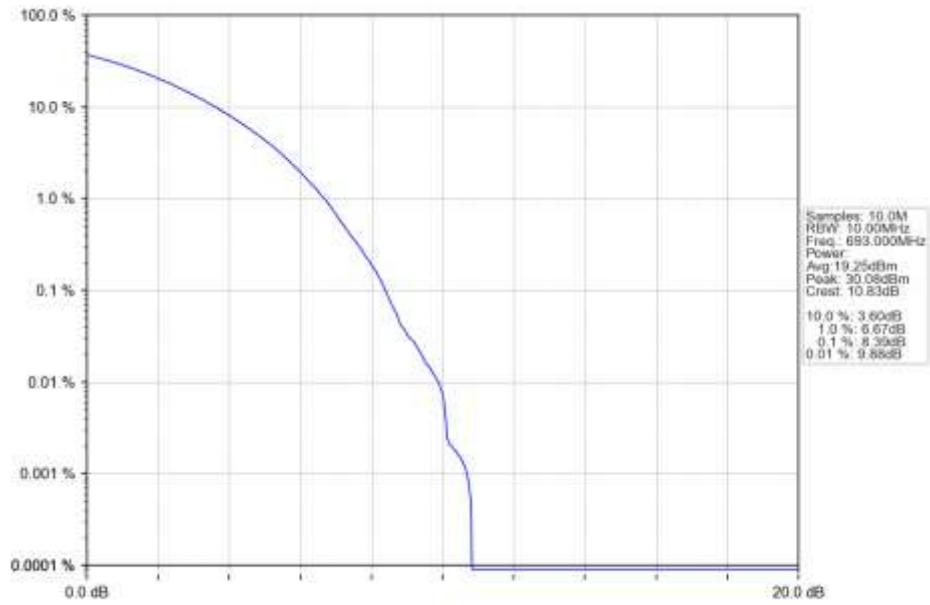
n71_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_668MHz_Outer_Full_Ant1



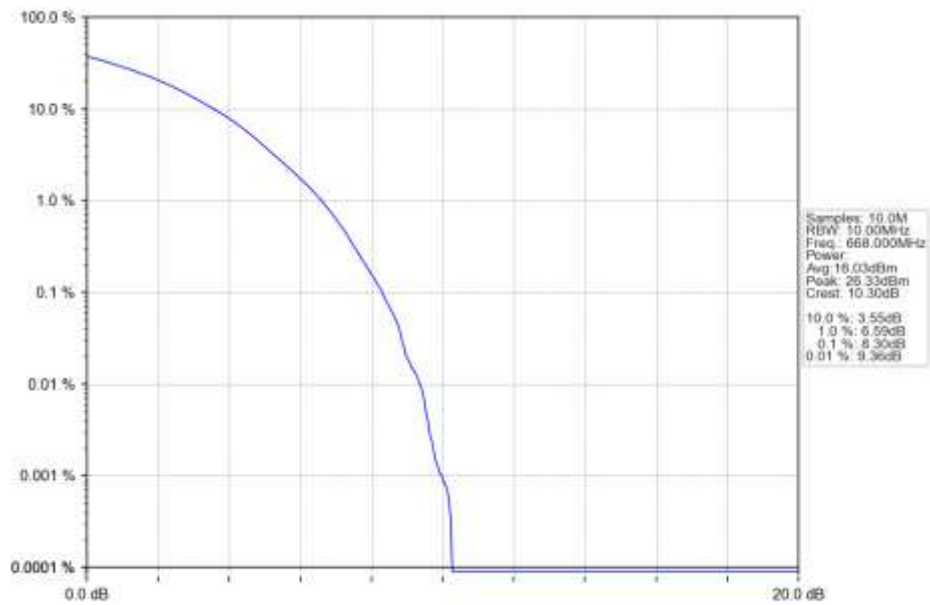
n71_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



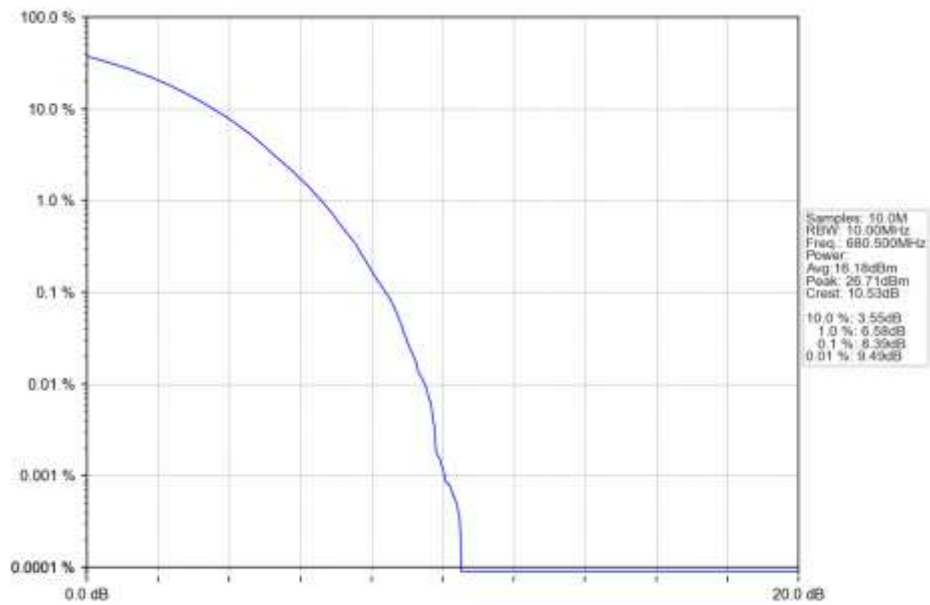
n71 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 693MHz Outer Full Ant1



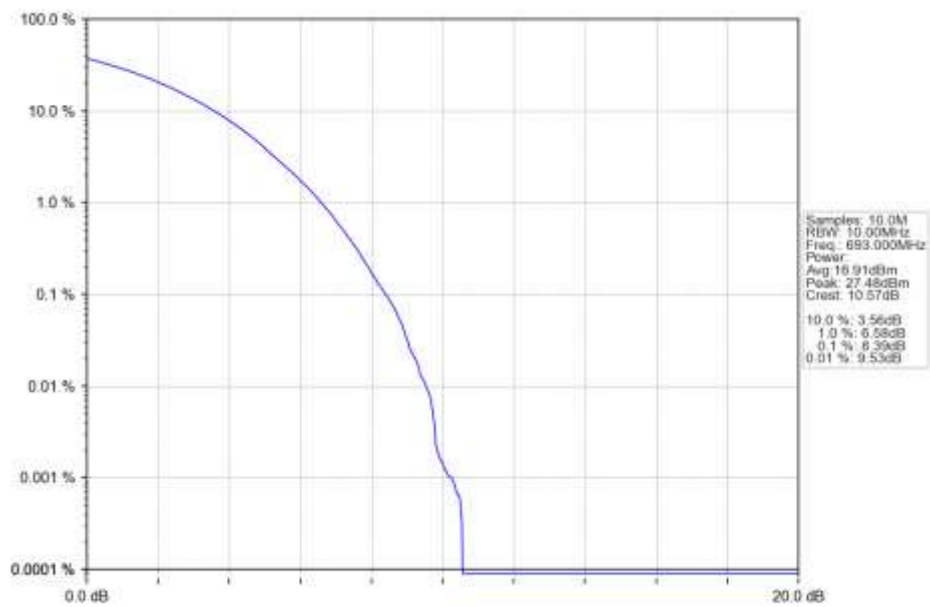
n71 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 668MHz Outer Full Ant1



n71 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1

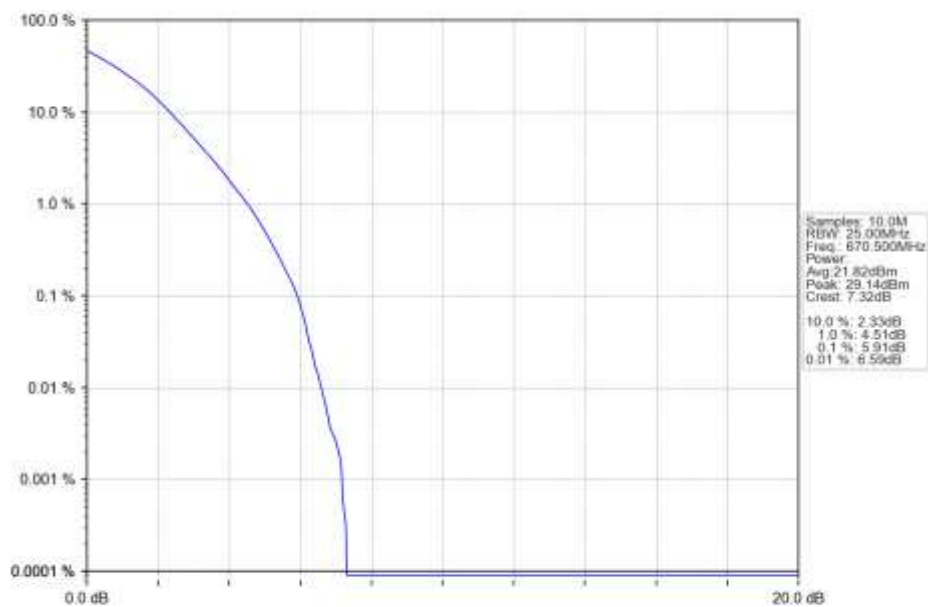


n71 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 693MHz Outer Full Ant1

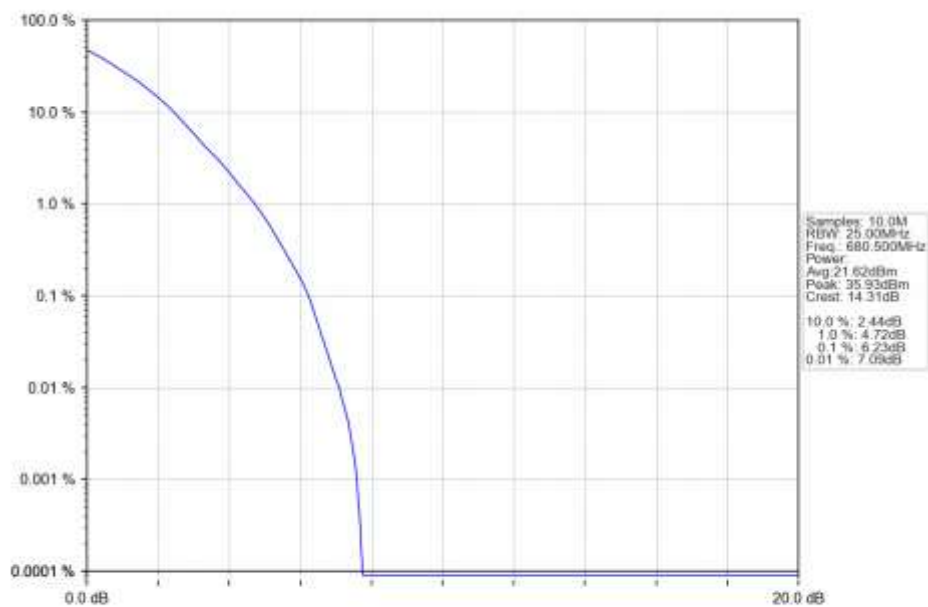


5.2.6 30k_SISO_15MHz_NTNV

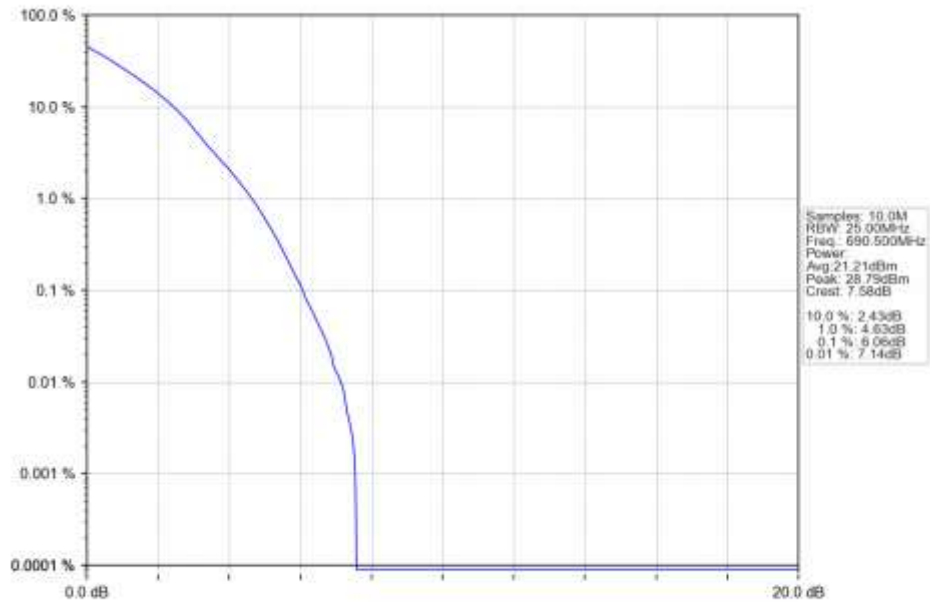
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_670.5MHz_Outer_Full_Ant1



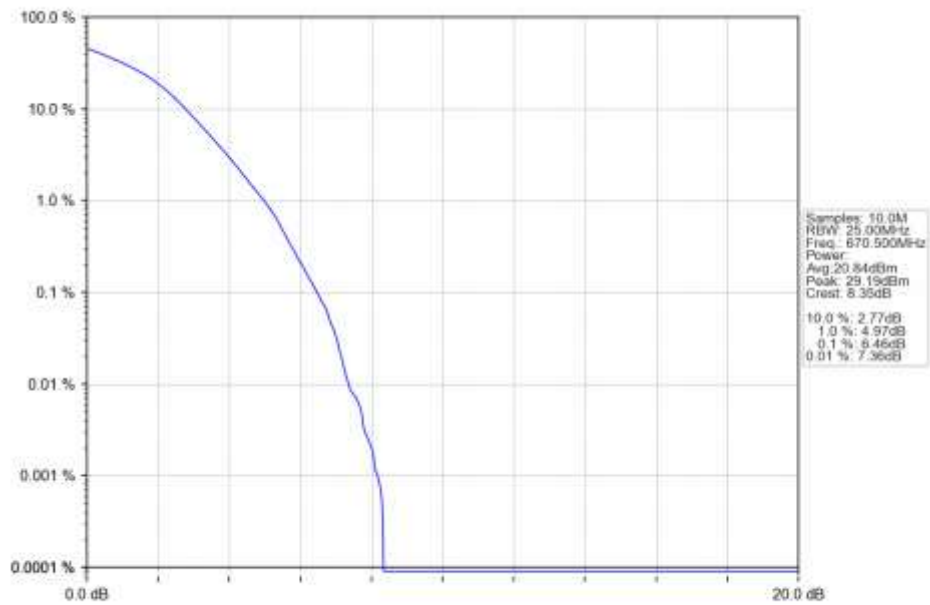
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_680.5MHz_Outer_Full_Ant1



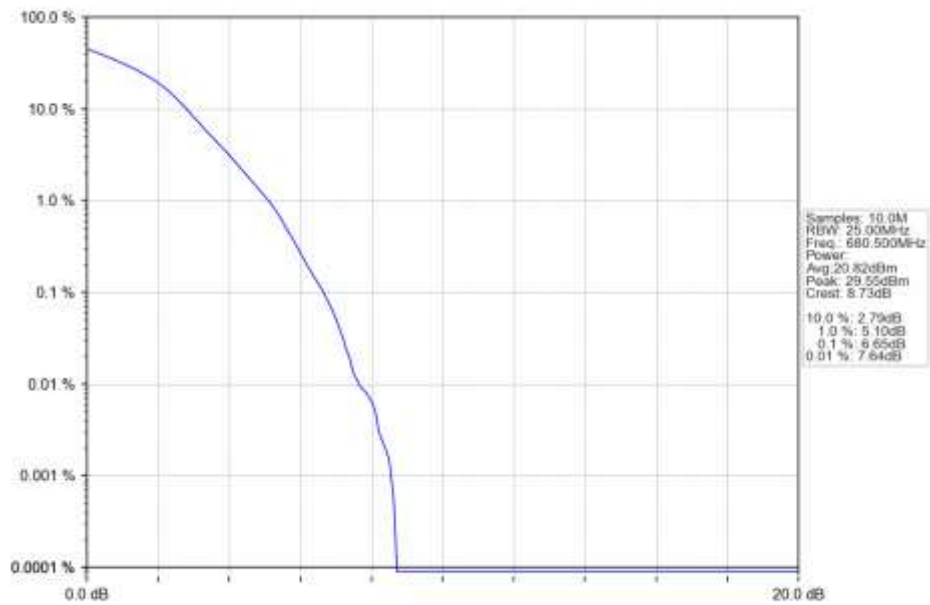
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_690.5MHz_Outer_Full_Ant1



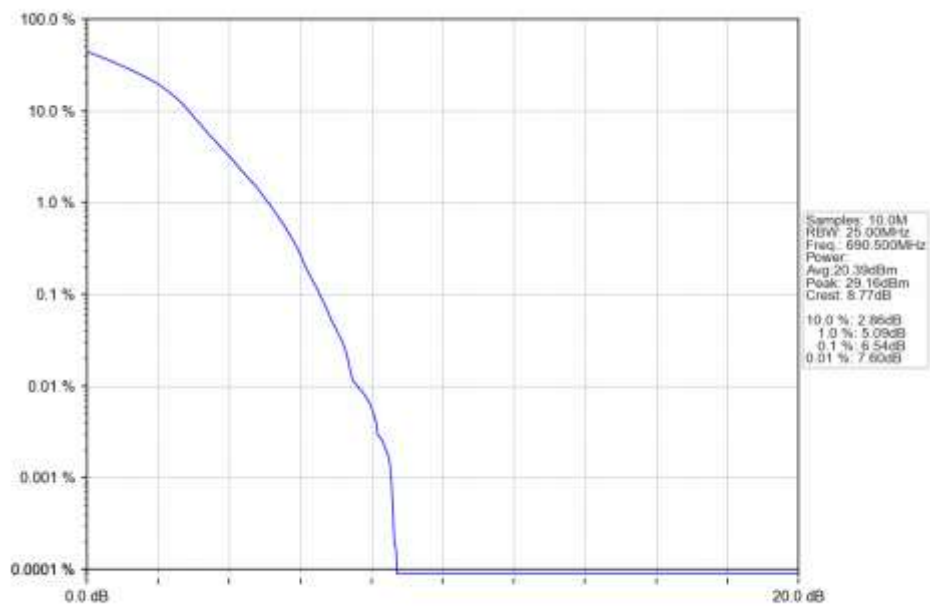
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_670.5MHz_Outer_Full_Ant1



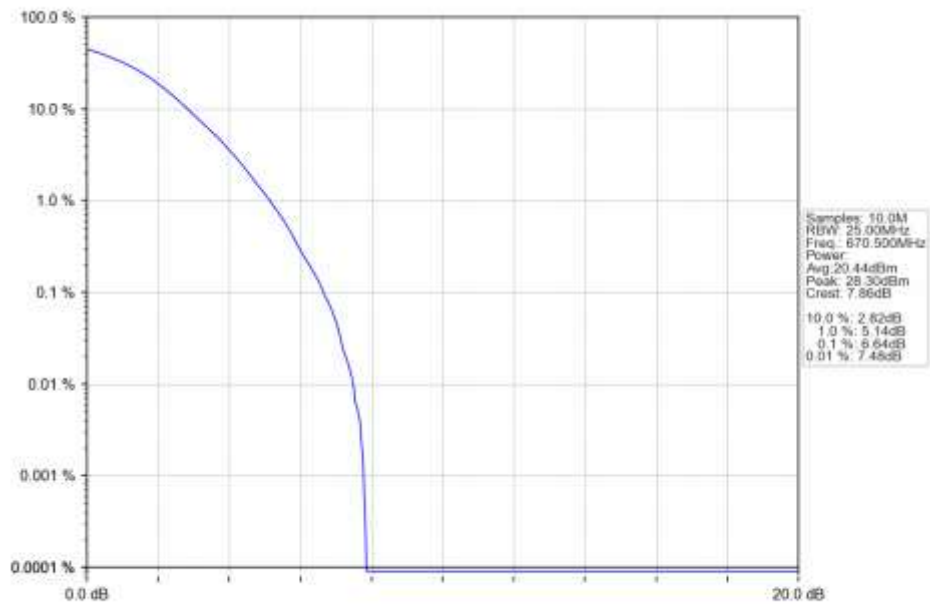
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



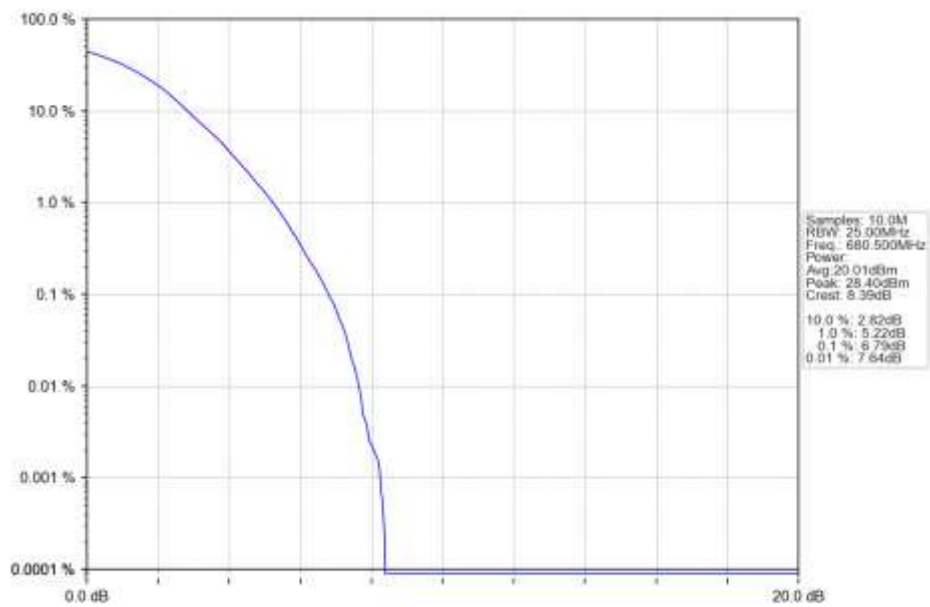
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 690.5MHz Outer Full Ant1



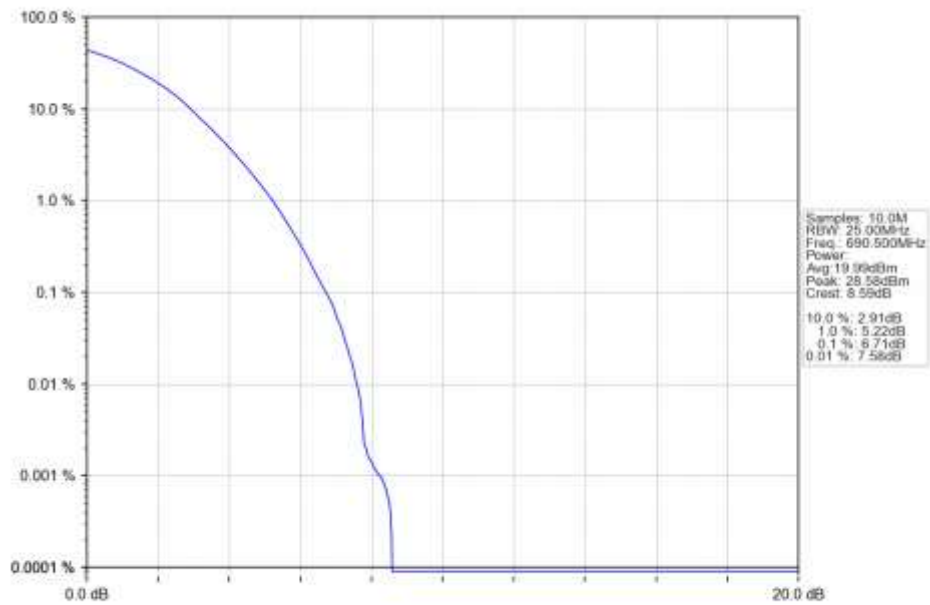
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_670.5MHz_Outer_Full_Ant1



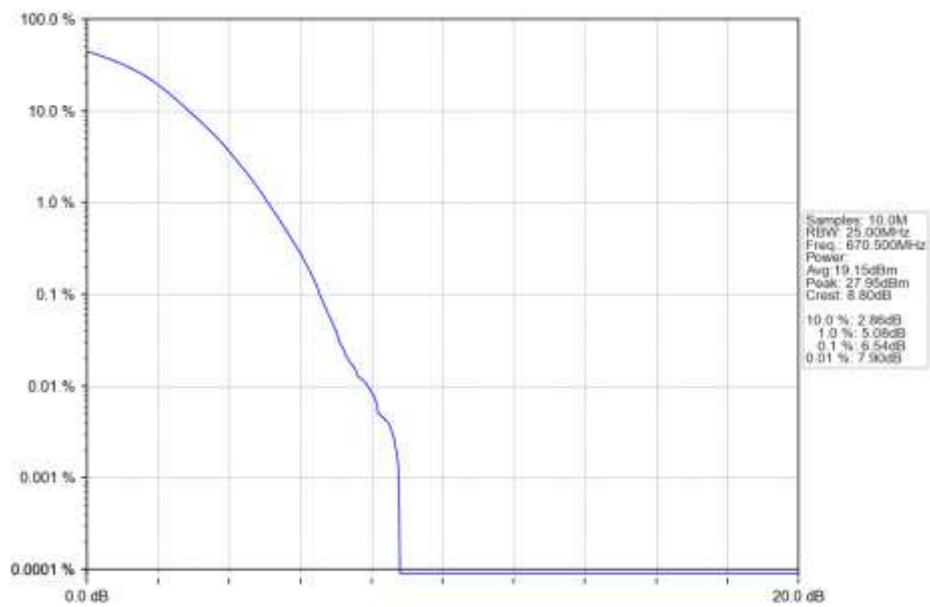
n71_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



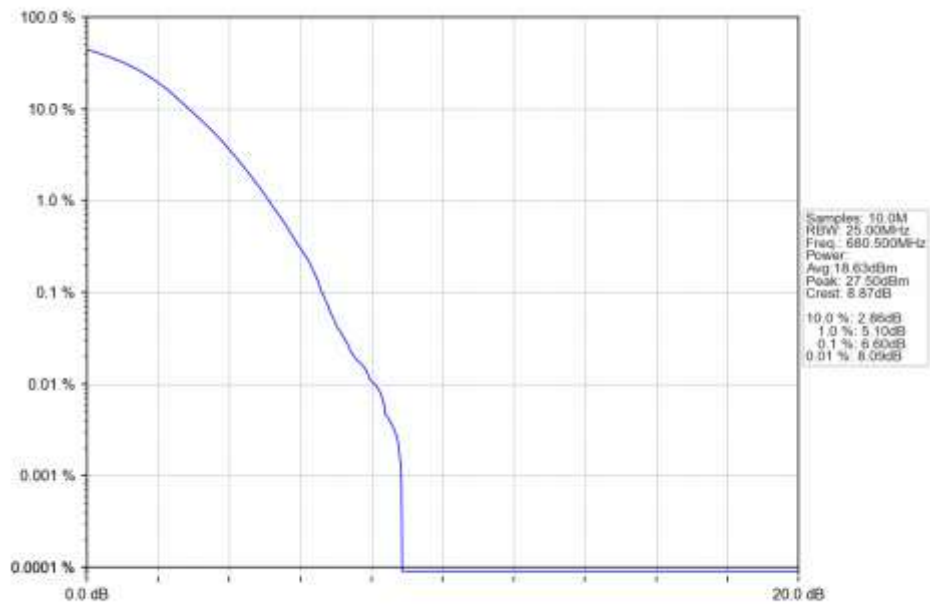
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 690.5MHz Outer Full Ant1



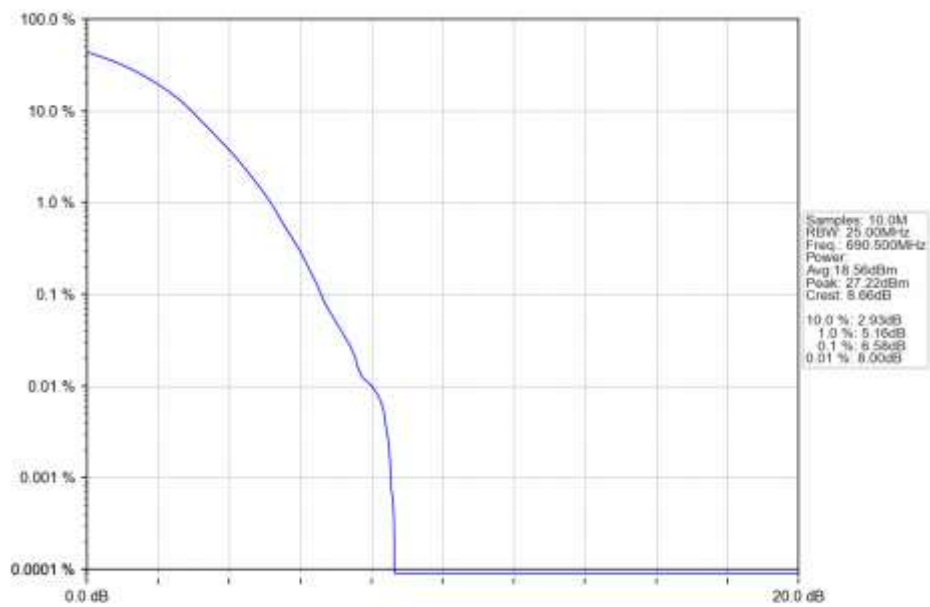
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 670.5MHz Outer Full Ant1



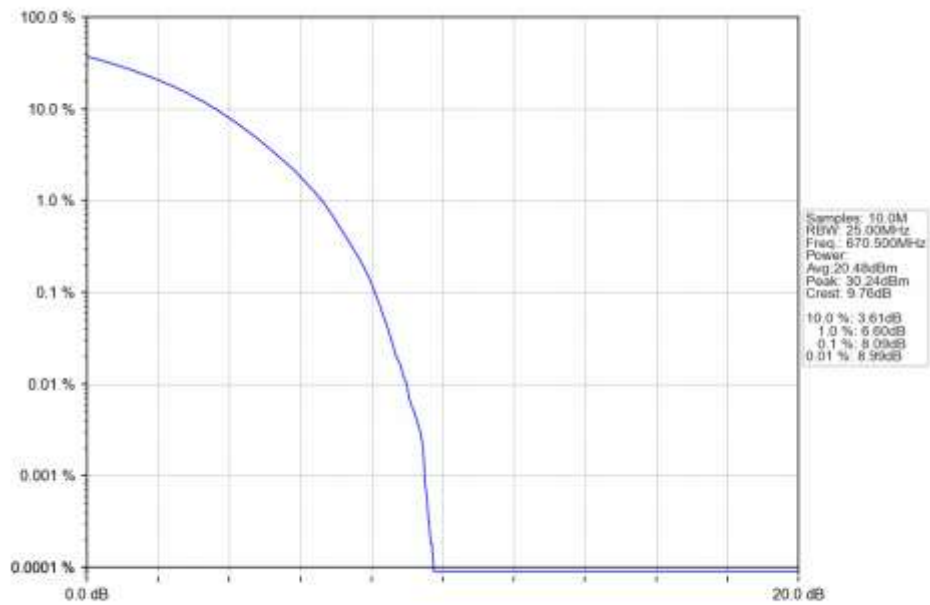
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



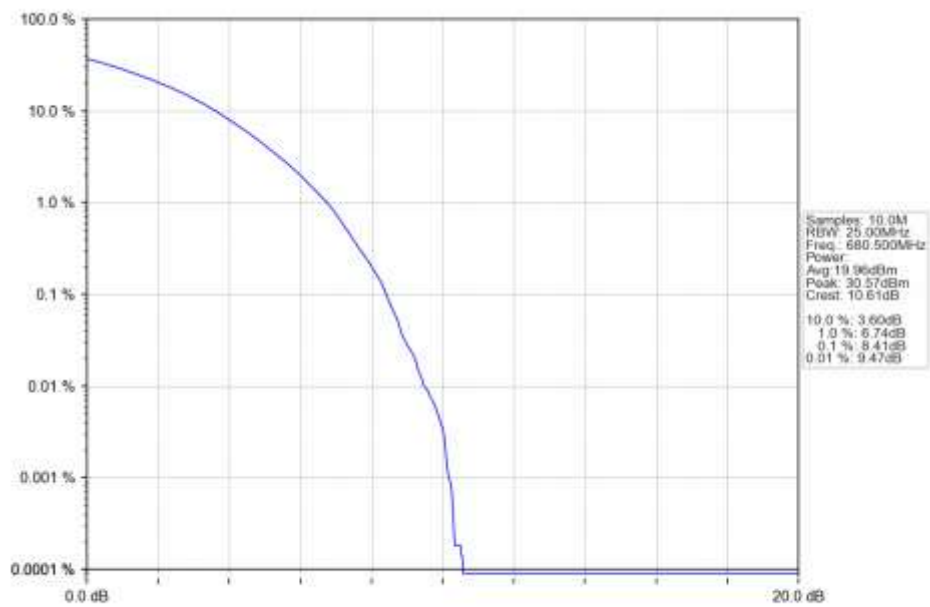
n71 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 690.5MHz Outer Full Ant1



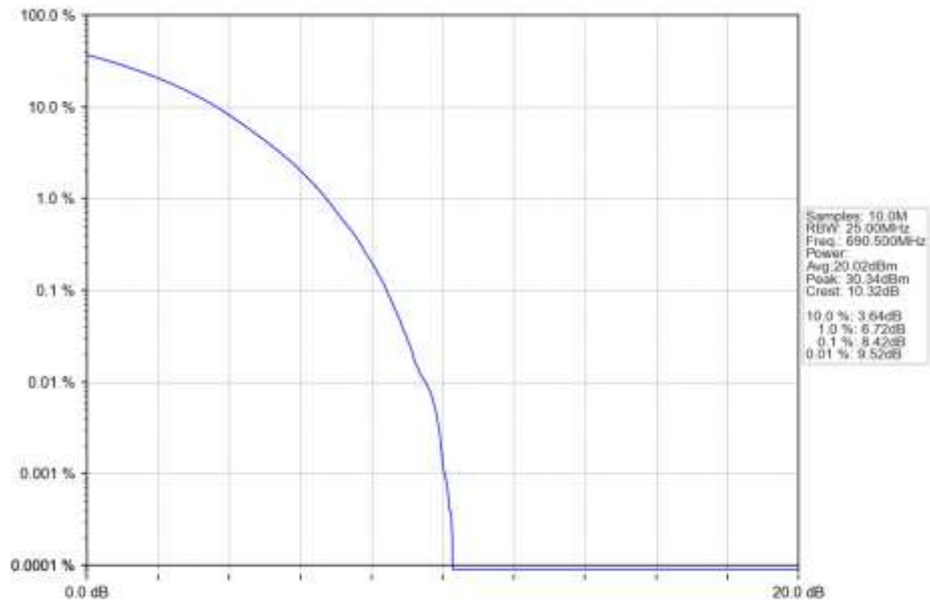
n71 30kHz SISO NTN 15MHz CP-OFDM QPSK 670.5MHz Outer Full Ant1



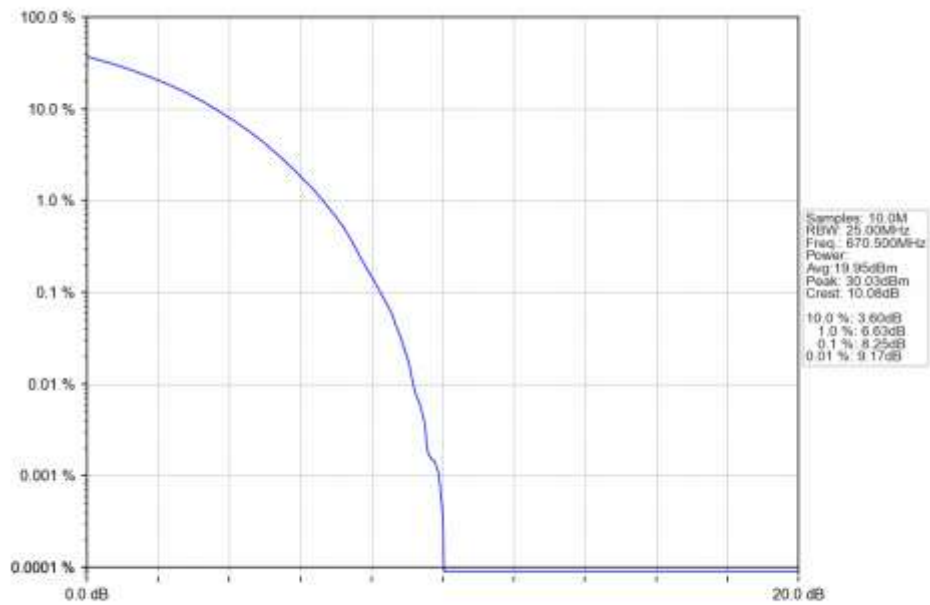
n71 30kHz SISO NTN 15MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



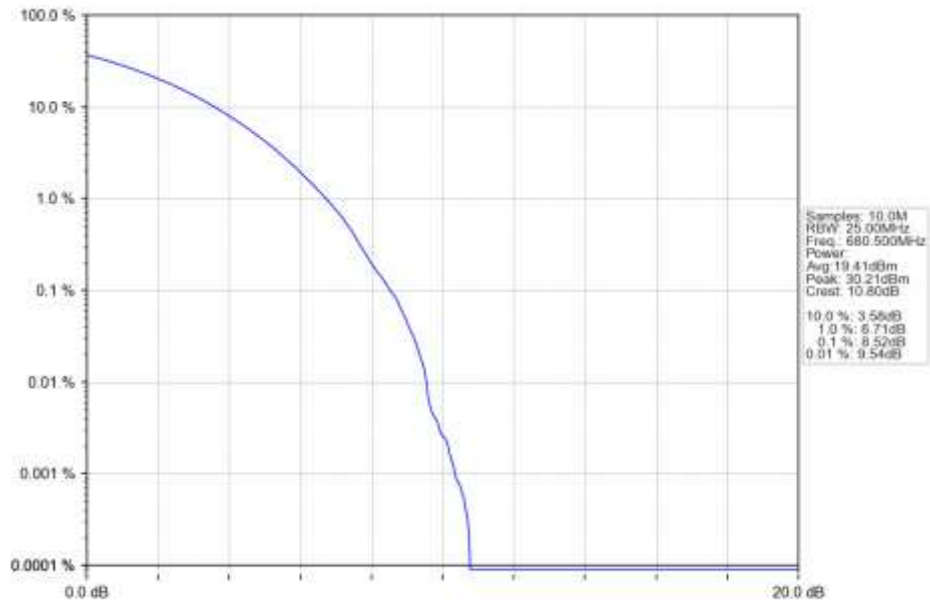
n71 30kHz SISO NTN 15MHz CP-OFDM QPSK 690.5MHz Outer Full Ant1



n71 30kHz SISO NTN 15MHz CP-OFDM 16 QAM 670.5MHz Outer Full Ant1



n71_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_680.5MHz_Outer_Full_Ant1



n71_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_690.5MHz_Outer_Full_Ant1

